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*DSIR/TCL 113

Sci - Min/Met
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Sci - Chem

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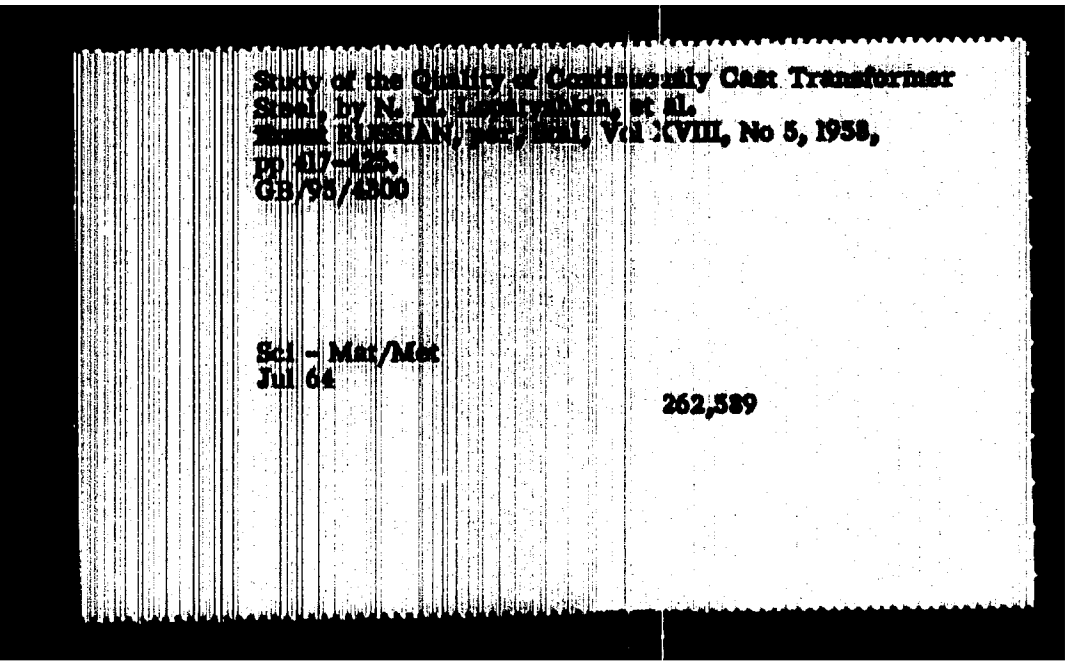

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Sci - Mat/Met
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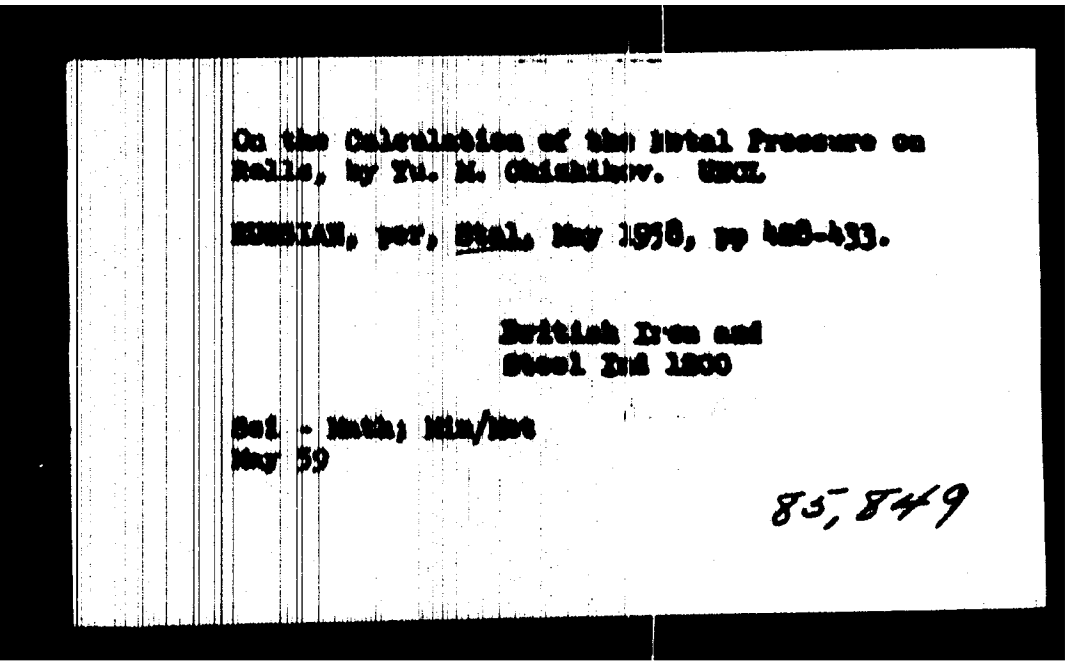

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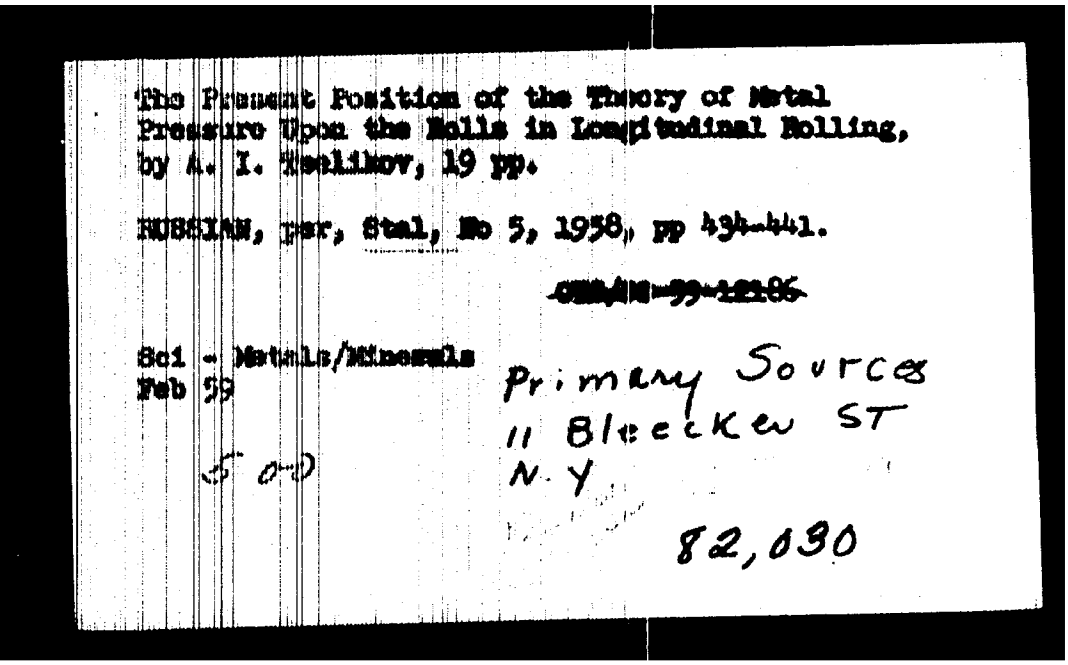

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Sci - Metals/Minerals
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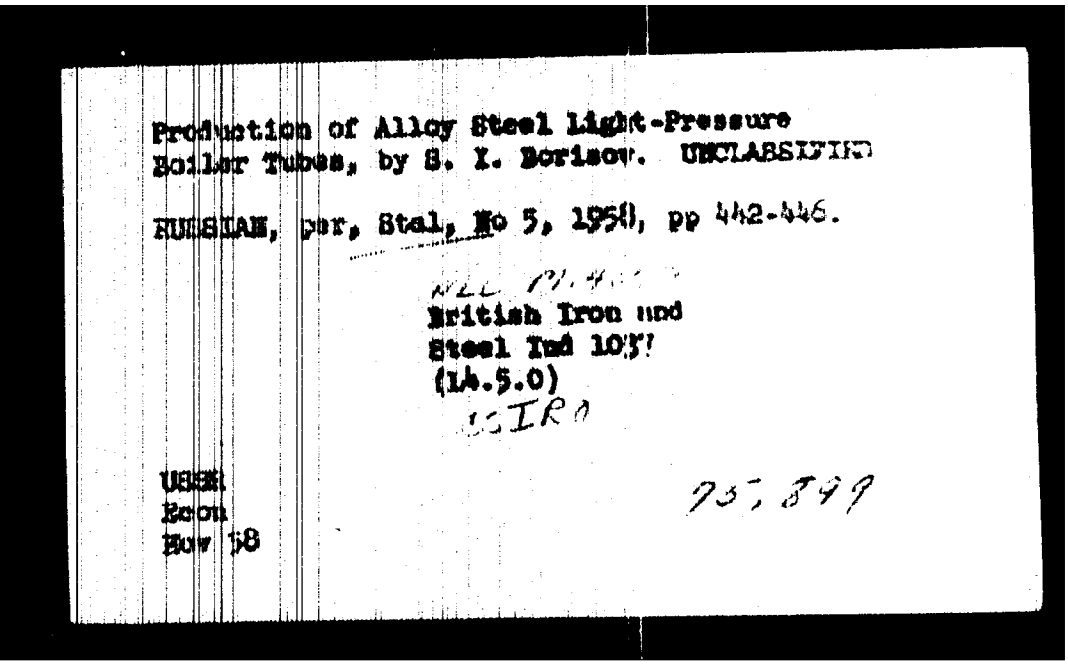

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Econ
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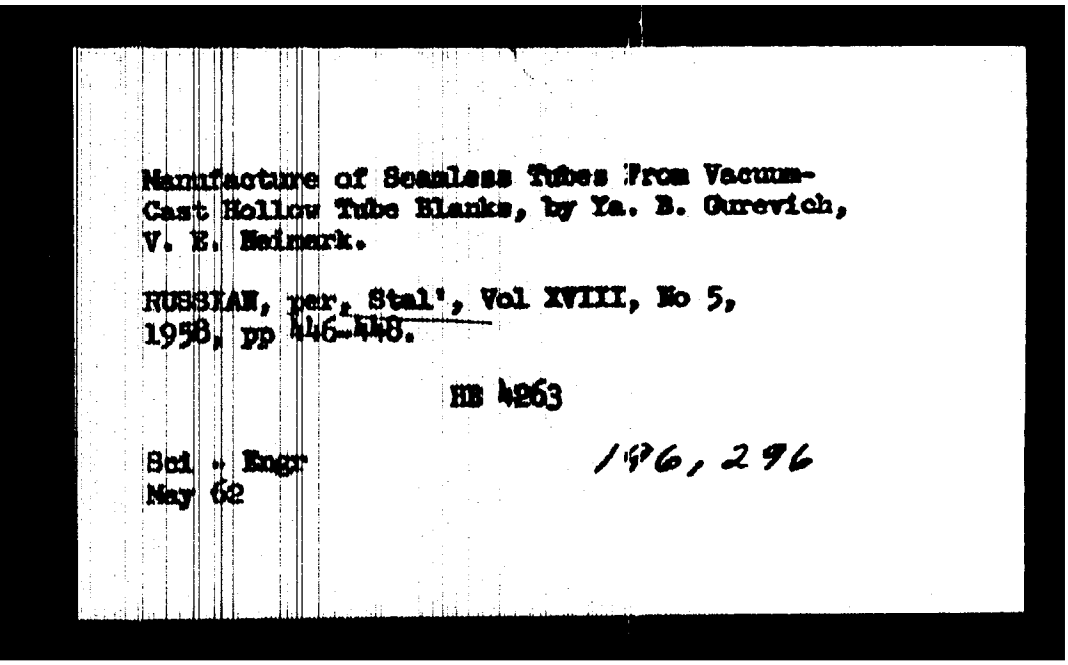

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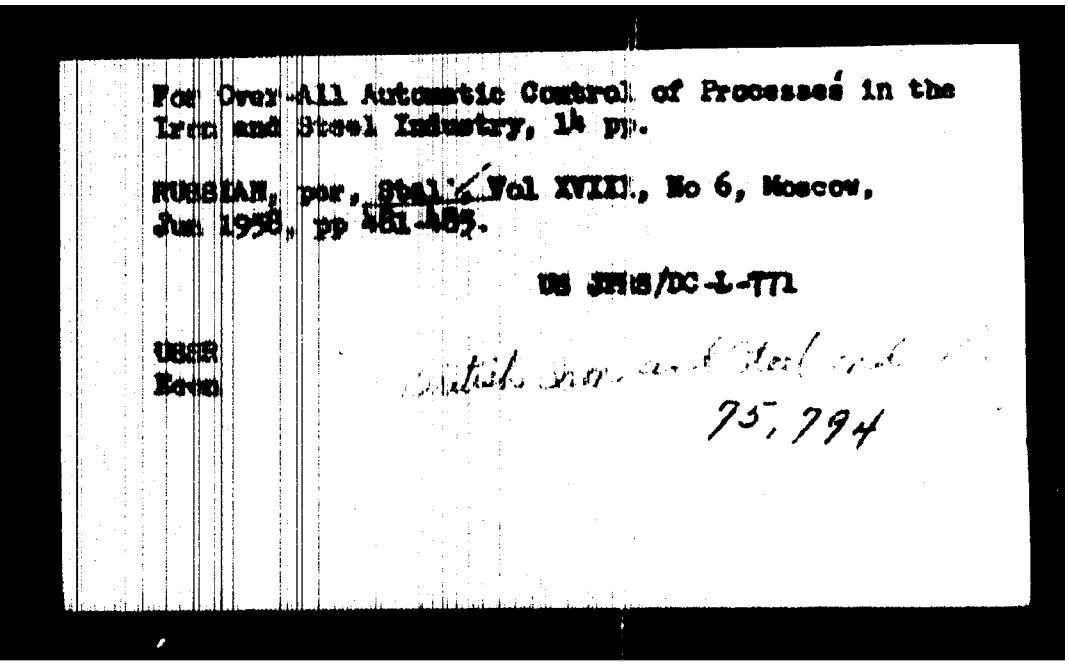

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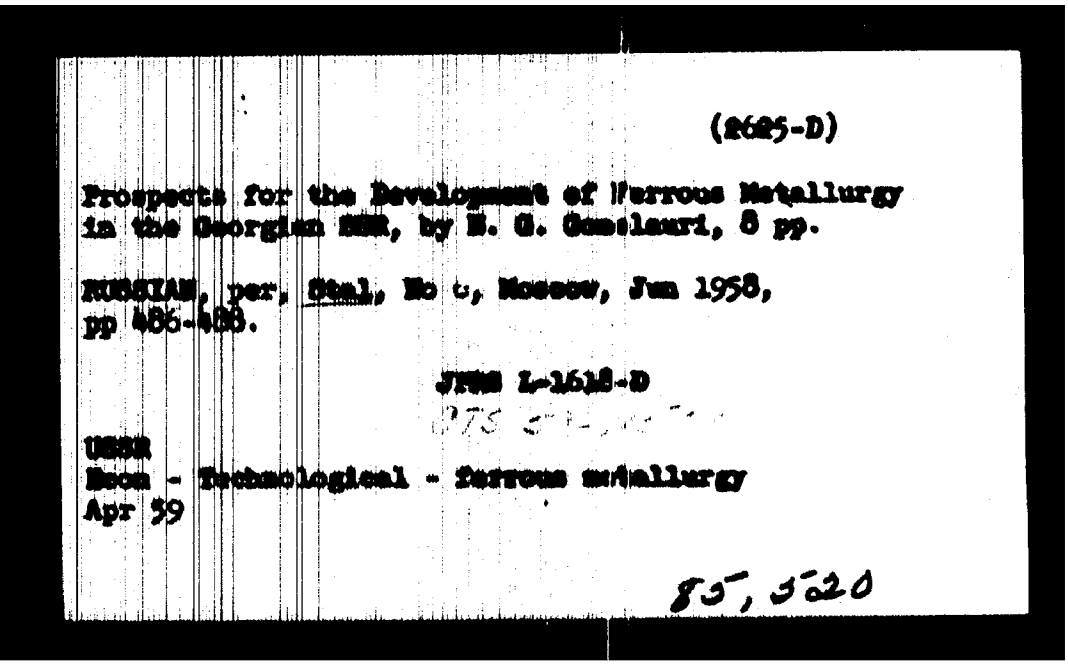

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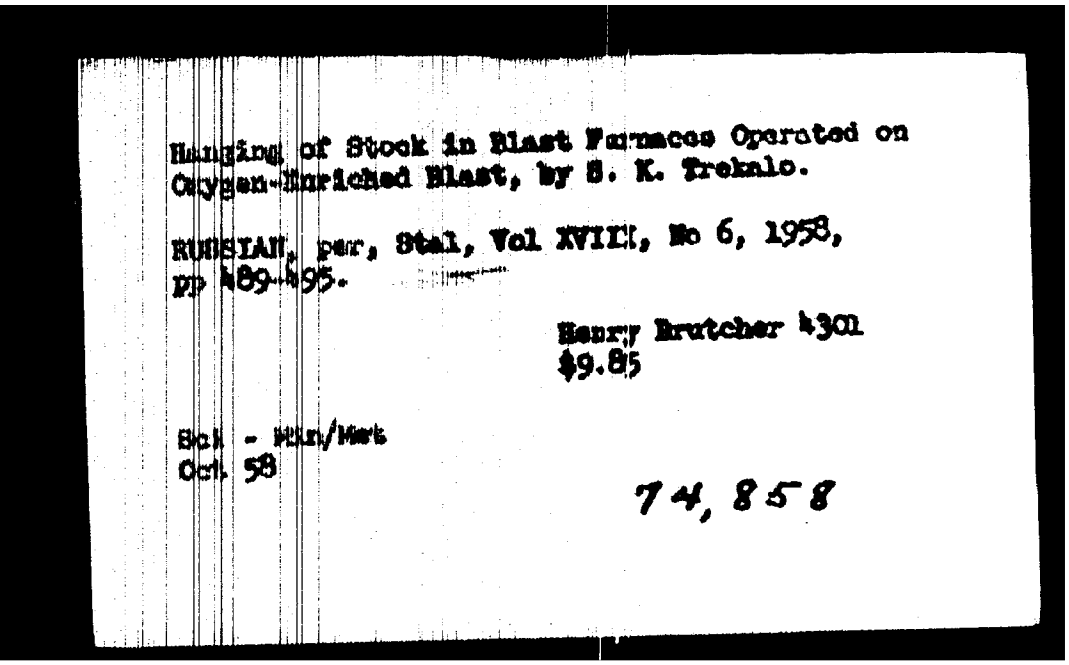

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Sch - Min/Mark
Oct. 58

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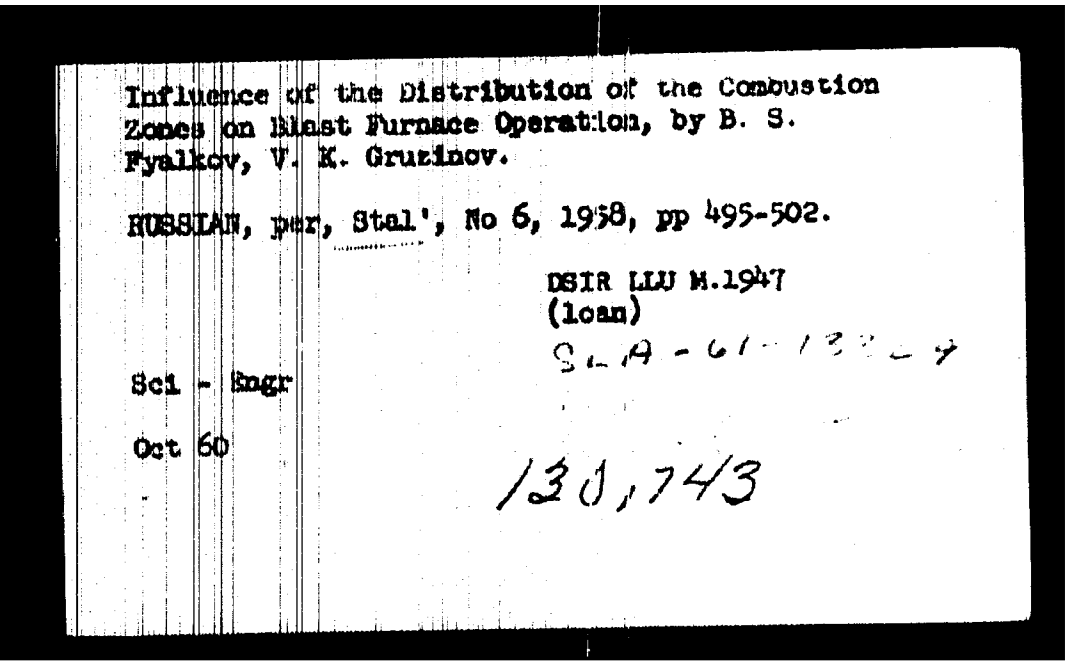

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Sci - Engr

Oct 60

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*[illegible] TCL 114

Sci - Engr
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Sci - Engineering
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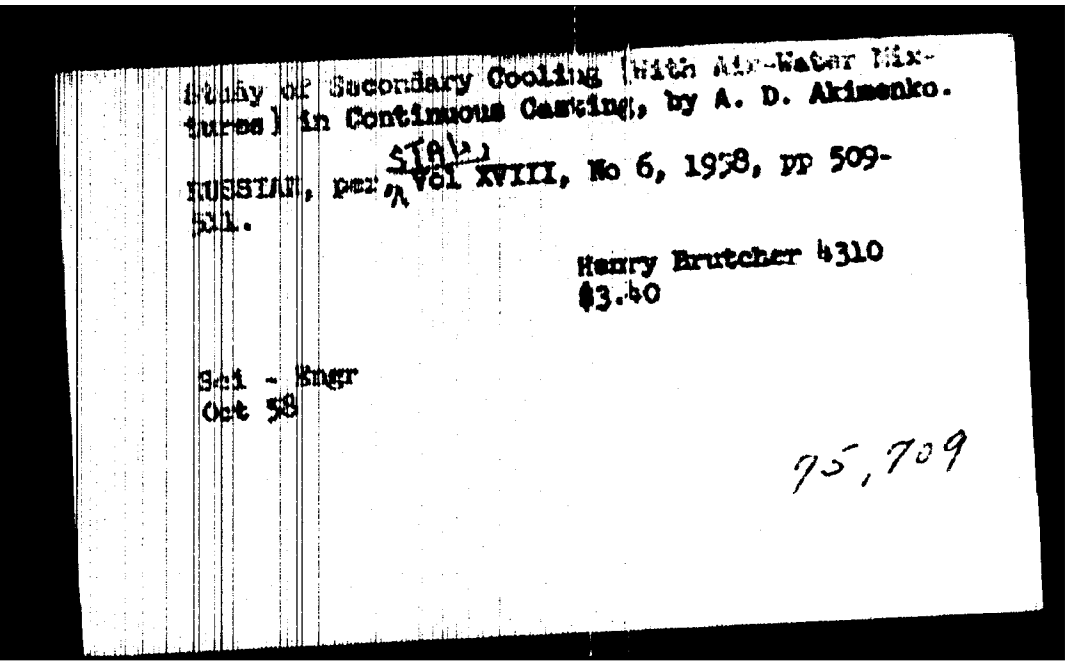

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Sci - Engr
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Sel - Min/Met

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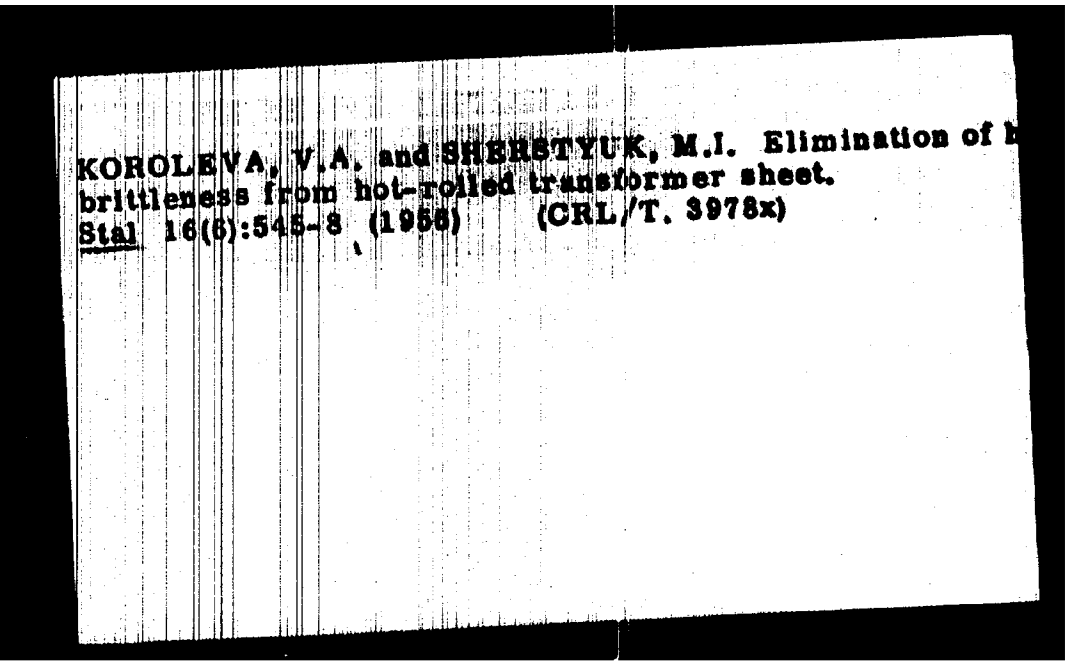

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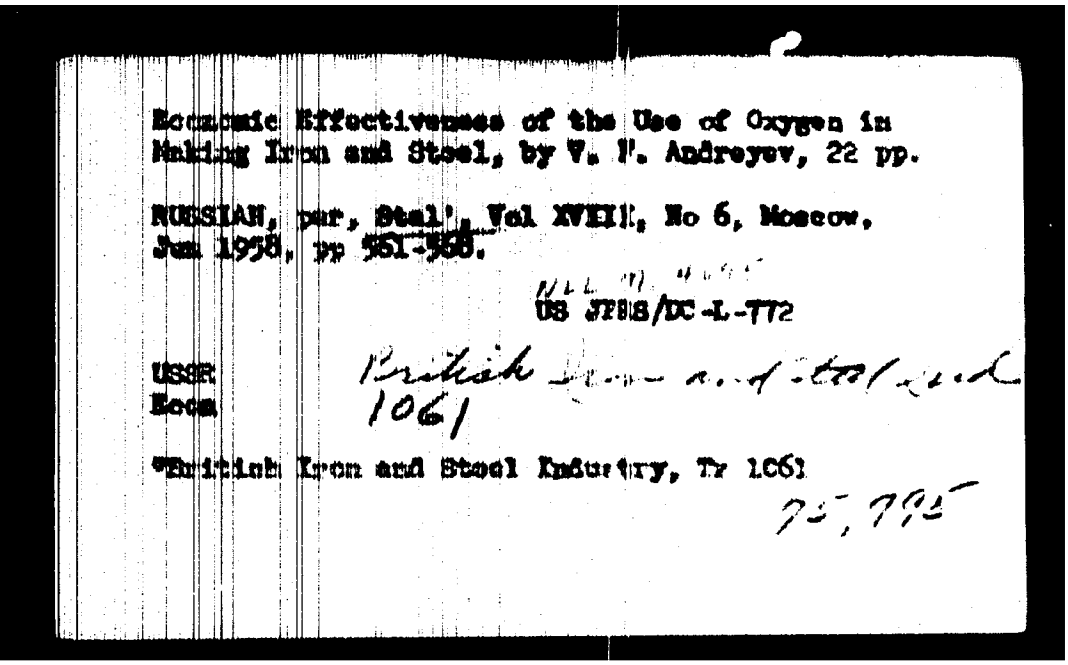

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1061

*British Iron and Steel Industry, Tr 1061

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St. German-en-Laye
(S-et-O), France

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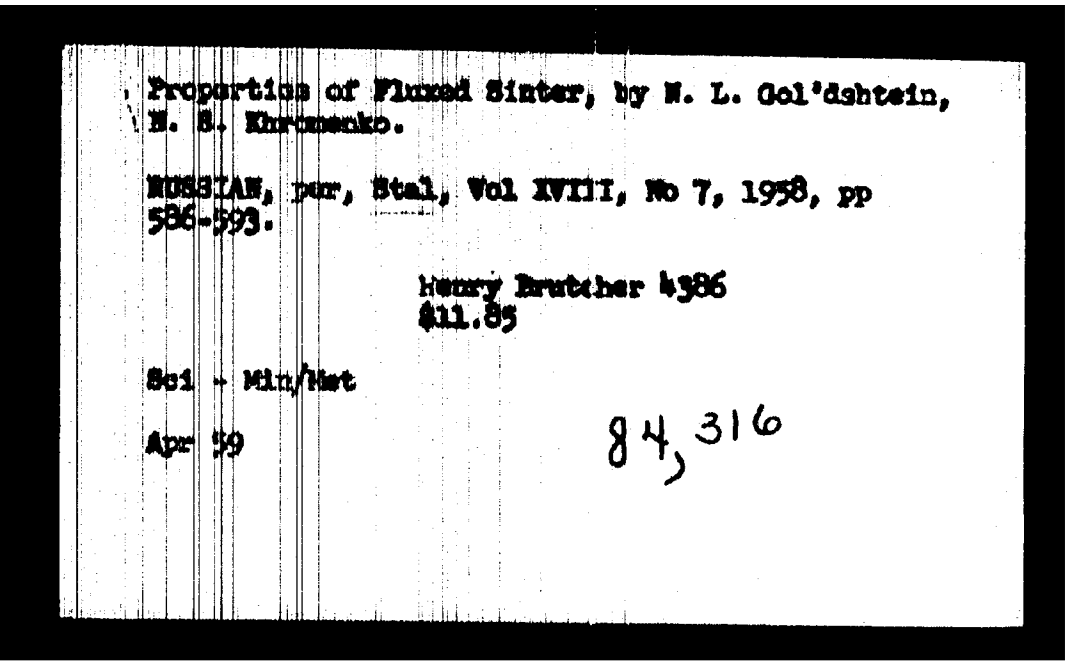

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Sci - Min/Met

Apr 59

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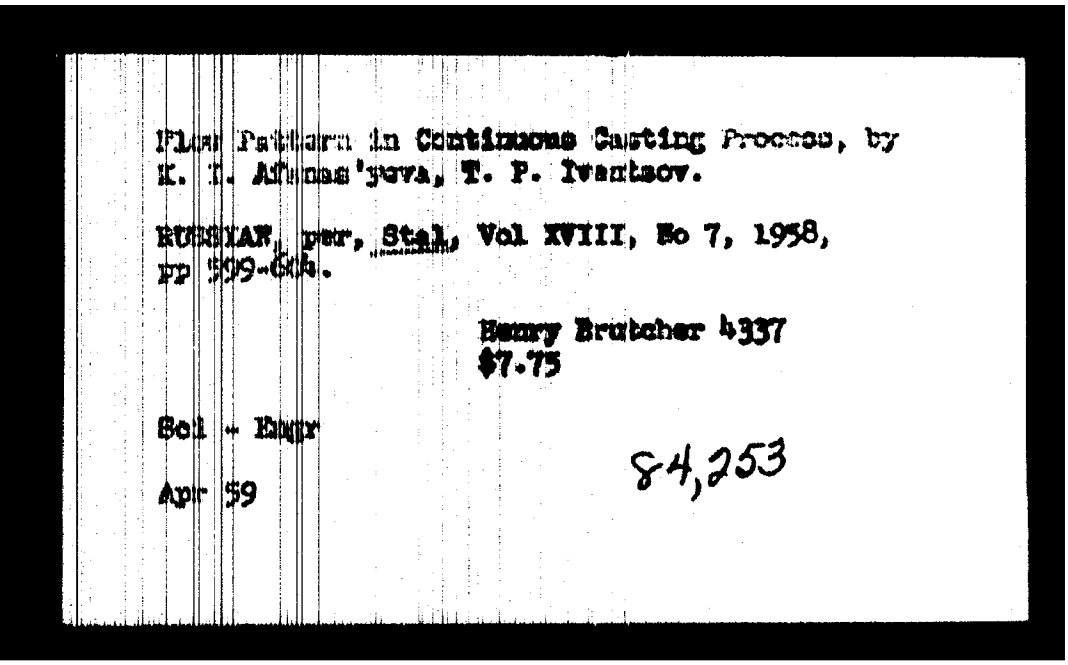

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Henry Brutcher 4337
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Sel - Engr

Apr 59

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Sci - Min/Met
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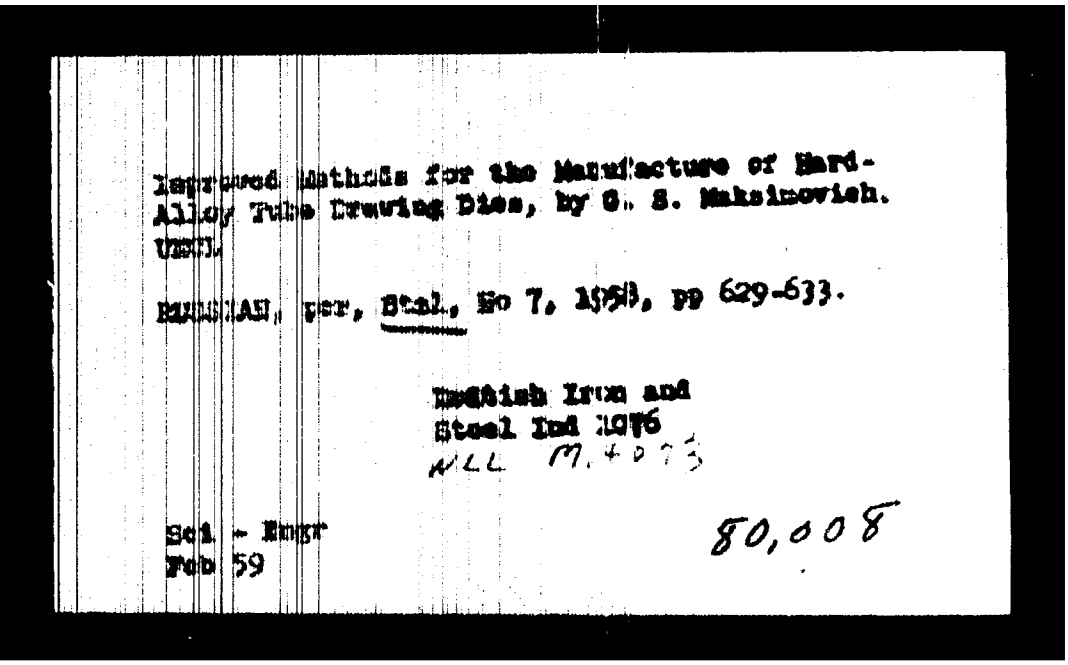

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Sci - Engr
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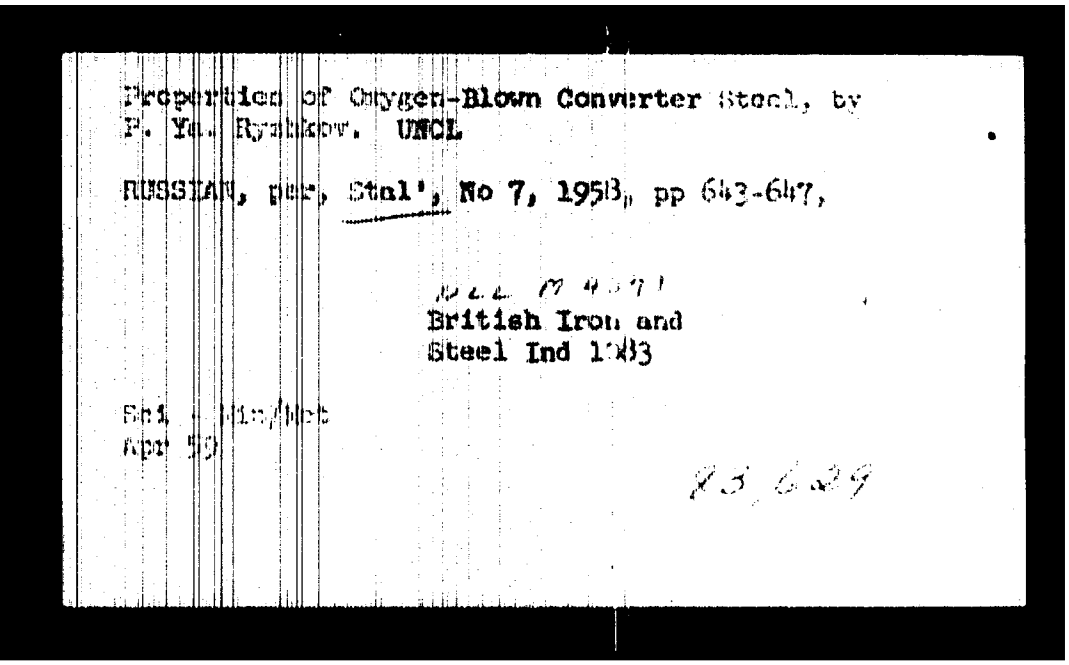

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Sml - Min/Met
Apr 59

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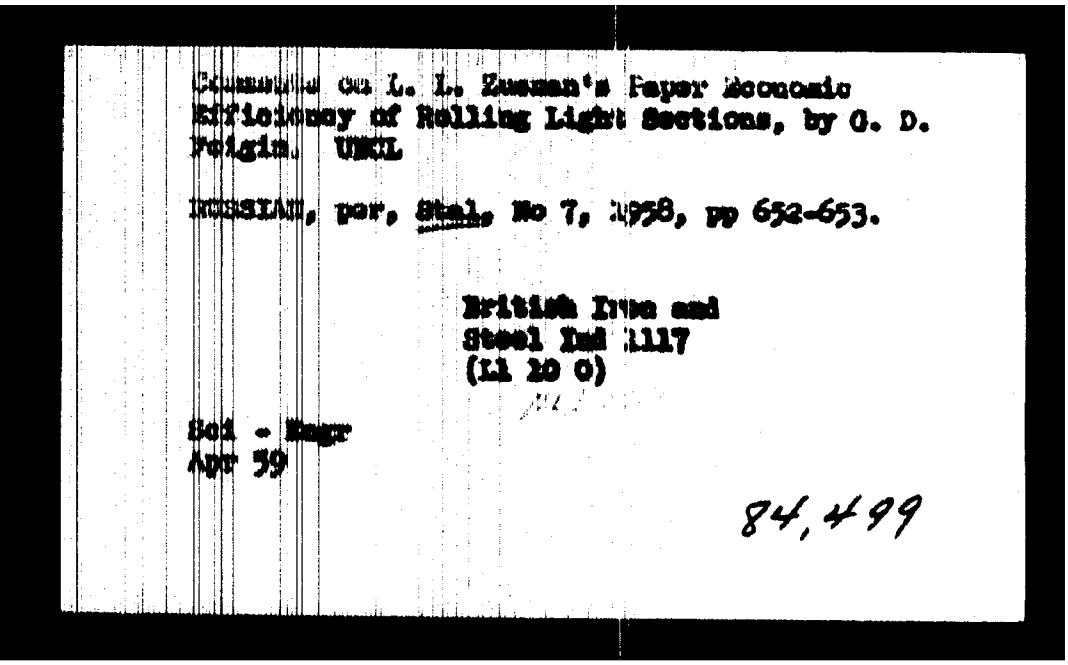

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British Iron and Steel Ind 1117
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Sol - Engr
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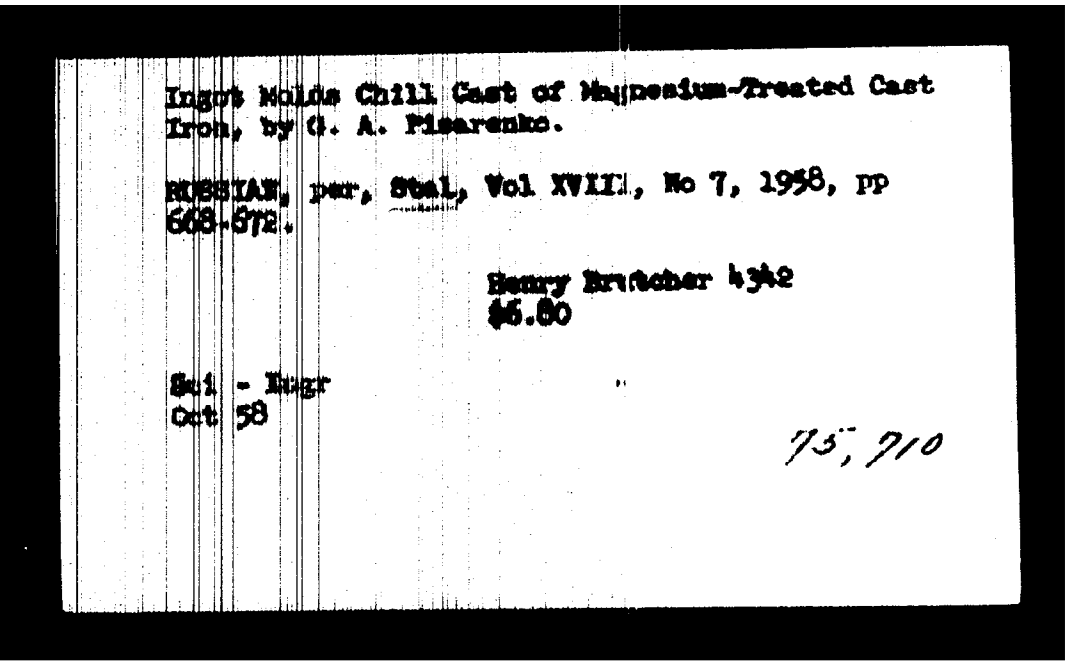

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Sel - Engr
Oct 58

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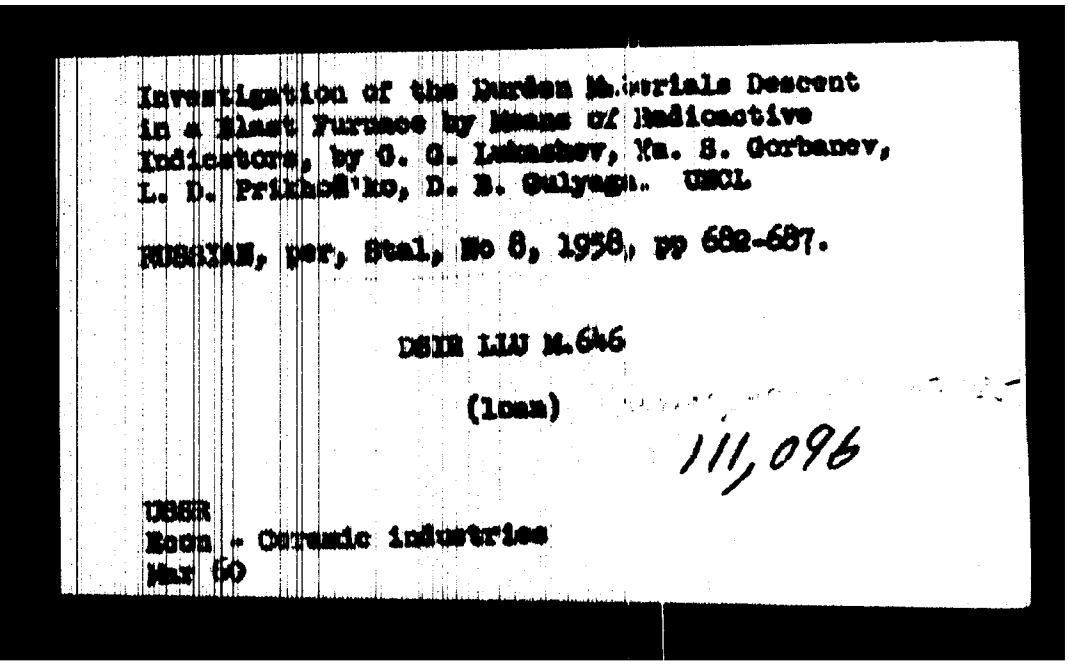

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DSIR LLW M.646

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111,096

DSIR
Room - Ceramic Industries
Mar 60

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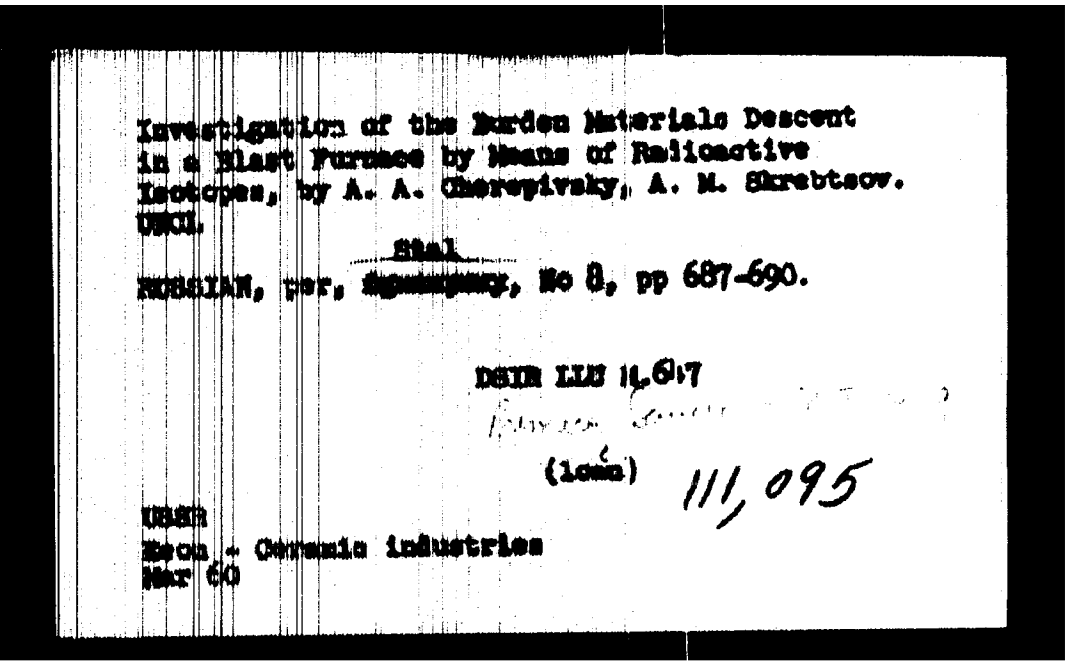

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Stal
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DSIR LLS 14,617

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USSR
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Paris 16me

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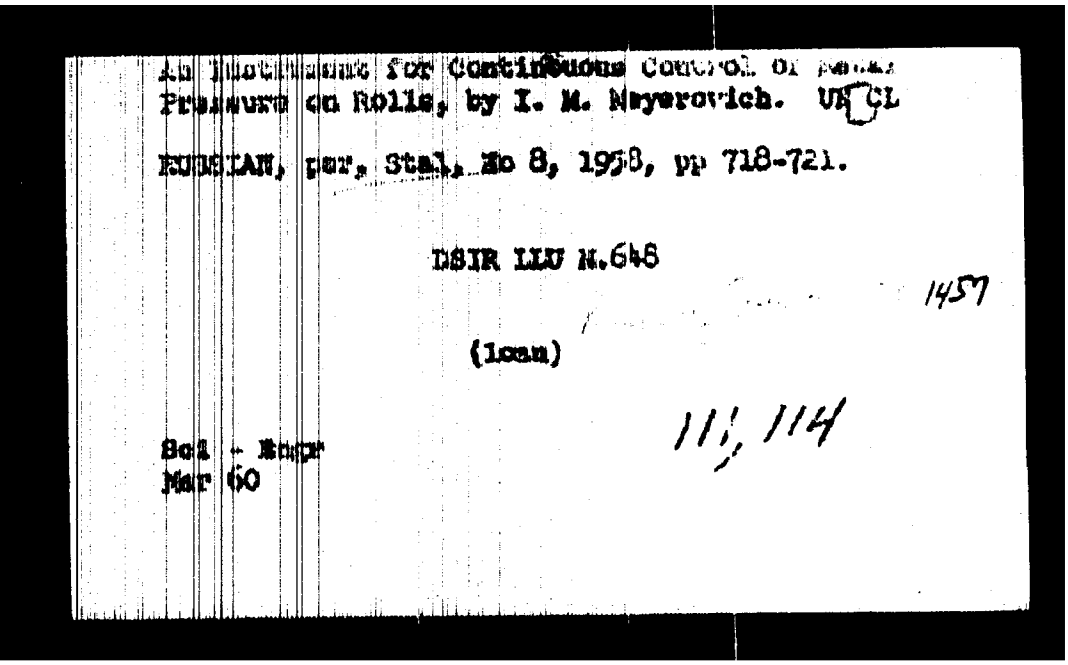

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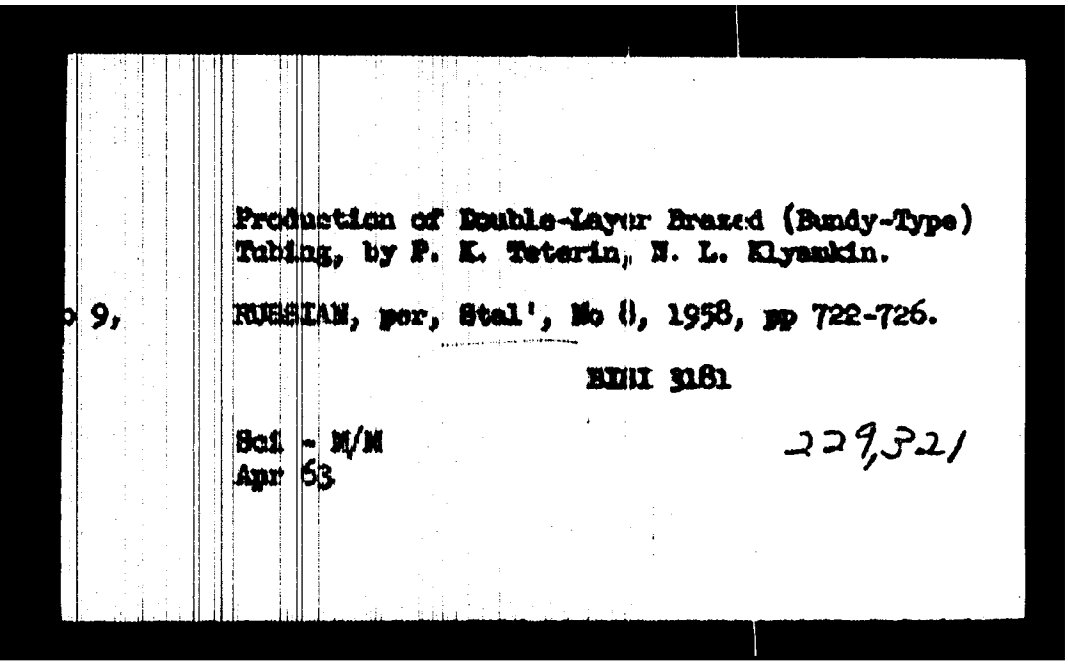

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RMMI 3181

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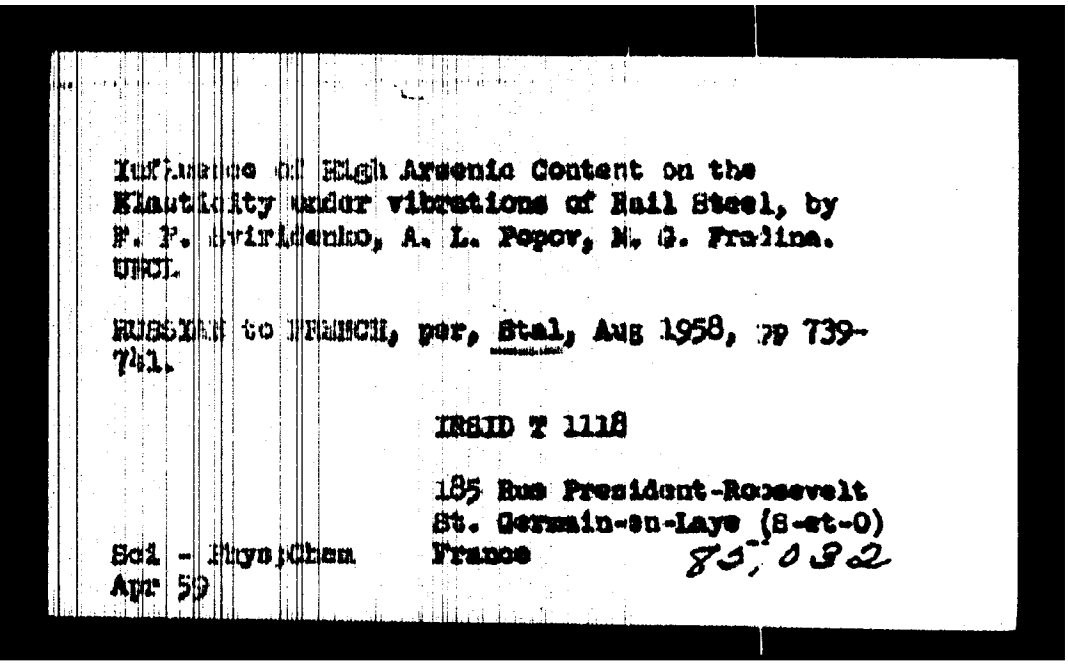

Influence of High Arsenic Content on the Elasticity under vibrations of Rail Steel, by F. P. Viridienko, A. L. Popov, N. G. Fralina. UMKI.

RUSSIAN to FRENCH, per, Stal, Aug 1958, pp 739-741.

IRSID T 1118

185 Rue President-Roosevelt
St. Germain-en-Laye (S-et-O)
France 85,082

Sci - Phys Chem
Apr 59

APPROVED FOR RELEASE: Tuesday, May 28, 2002 CIA-RDP91-00772R000200810048-5

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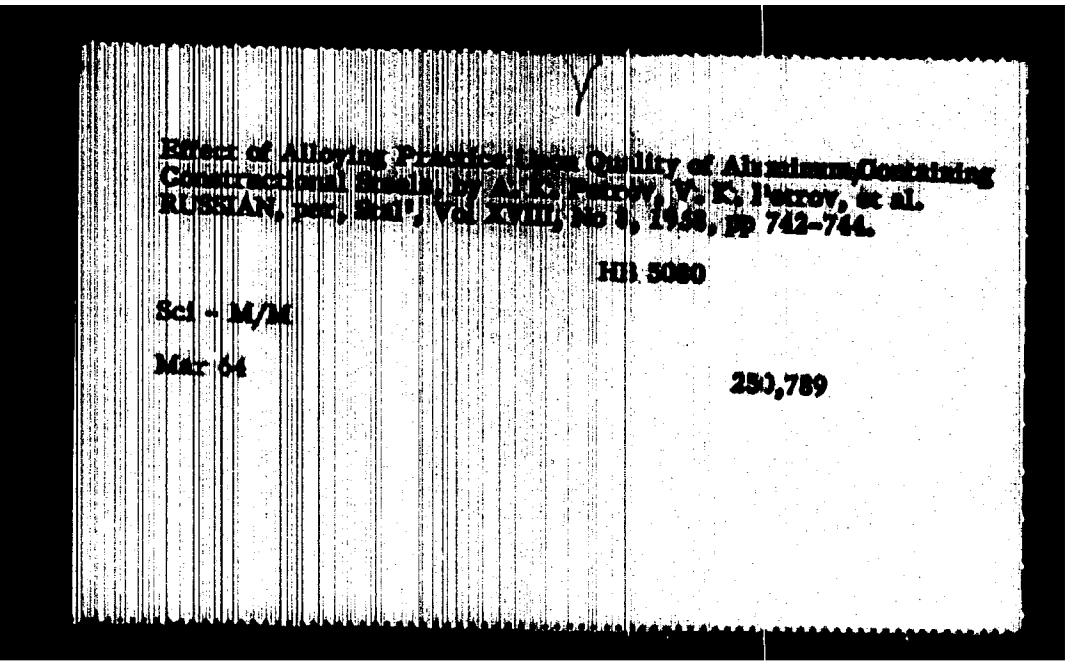

Effect of Alloying, Practical Heat Quality of Aluminum-Containing
Constructional Steels, by A.I. [illegible], V.K. Pisarov, et al.
RUSSIAN, per. Stal', Vol XXIII, No 8, 1963, pp 742-744.

HB 5080

Sci - M/M

Mar 64

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APPROVED FOR RELEASE: Tuesday, May 28, 2002 CIA-RDP91-00772R000200810048-5

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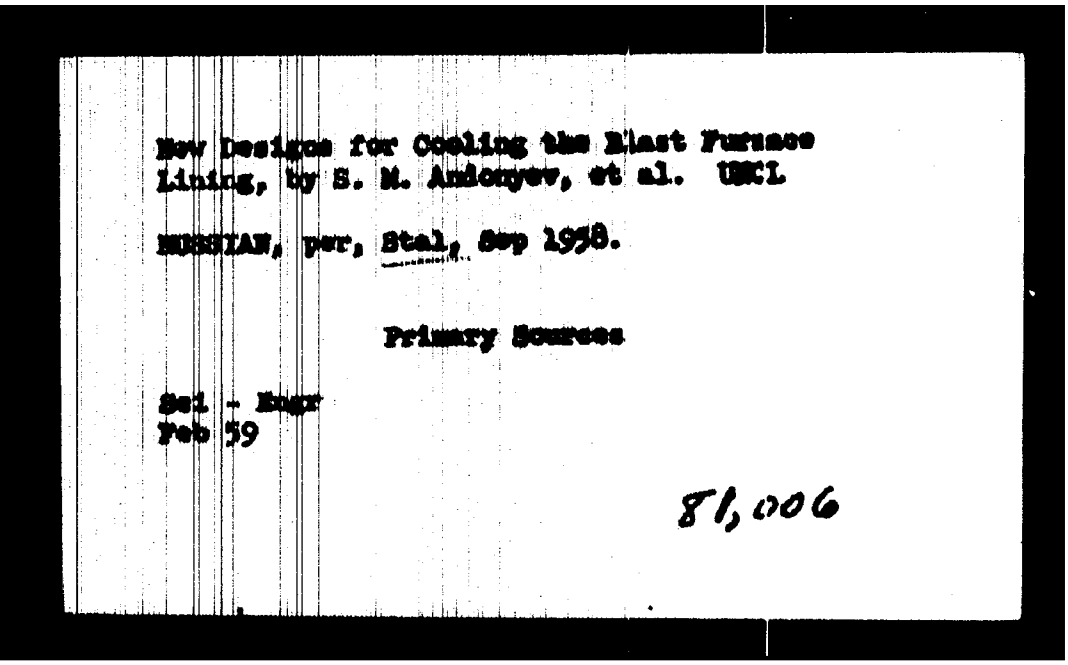

New Designs for Cooling the Blast Furnace
Lining, by S. M. Andonyev, et al. UKI.

RUSSIAN, per, Stal, Sep 1958.

Primary Sources

Sel - Engr
Feb 59

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APPROVED FOR RELEASE: Tuesday, May 28, 2002 CIA-RDP91-00772R000200810048-5

APPROVED FOR RELEASE: Tuesday, May 28, 2002 CIA-RDP91-00772R000200810048-5

Investigation of the Thermal Performance of a 500-ton Open-Hearth Furnace, by V. B. Kocho. UKCL

RUSSIAN, per Stal, Sep 1958.

Primary Sources

Ref - Engr
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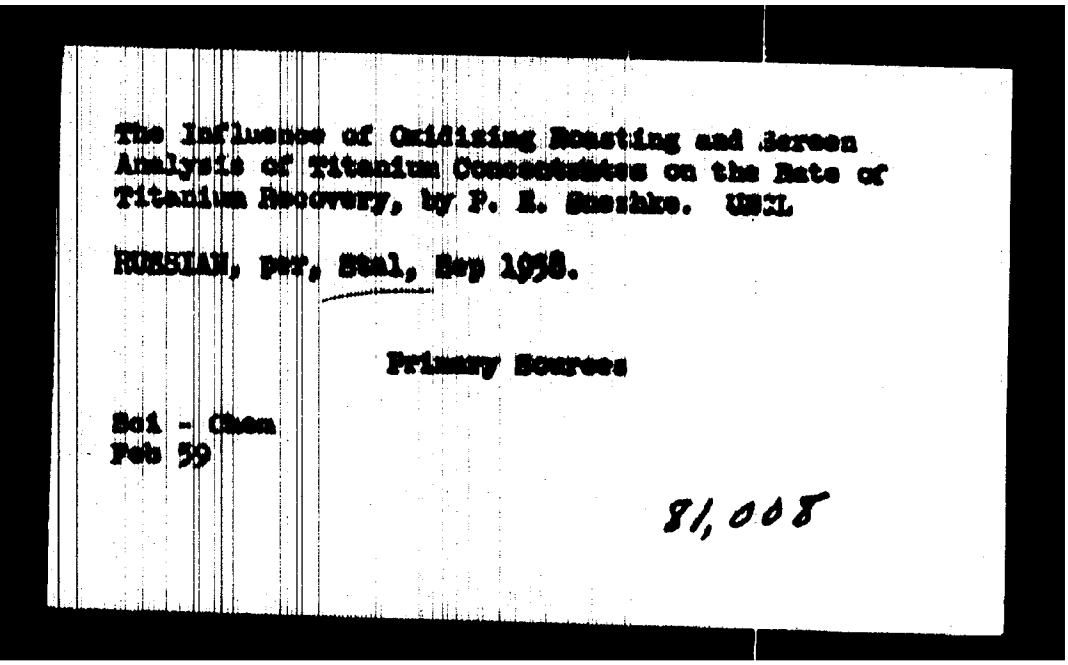

The Influence of Oxidizing Roasting and Screen Analysis of Titanium Concentrates on the Rate of Titanium Recovery, by P. E. Sherbko. USSR

RUSSIAN, per, Stal, Sep 1958.

Primary Sources

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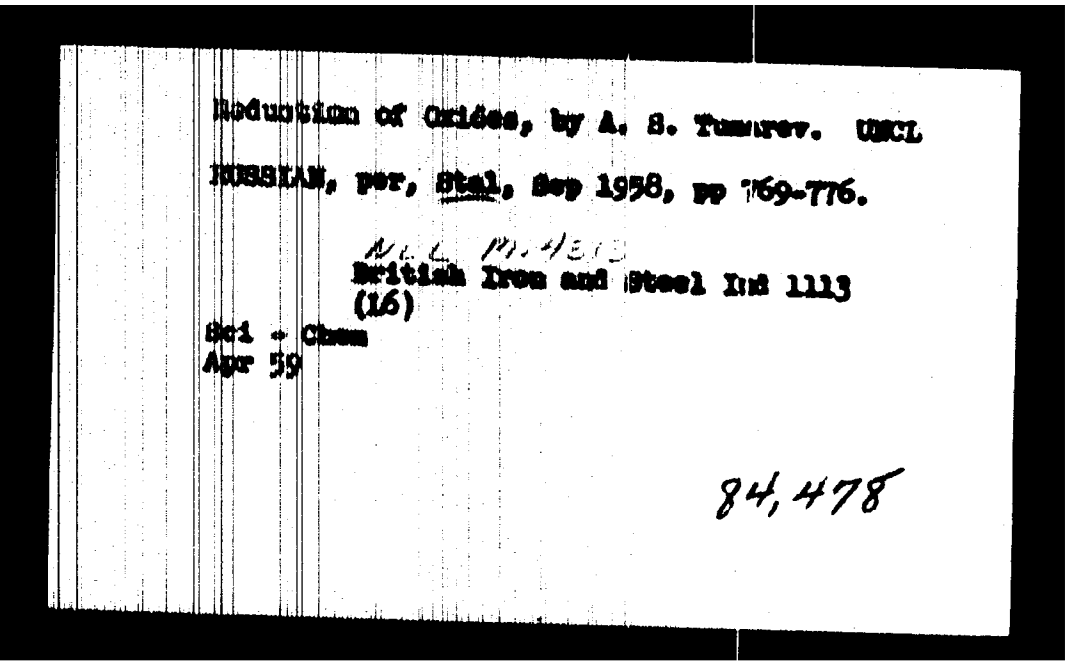

Reduction of Oxides, by A. S. Tumarev. UNCL
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N.L. M. 4/61

British Iron and Steel Int 1113
(16)

Sci - Chem
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APPROVED FOR RELEASE: Tuesday, May 28, 2002 CIA-RDP91-00772R000200810048-5

APPROVED FOR RELEASE: Tuesday, May 28, 2002 CIA-RDP91-00772R000200810048-5

New Designs for Cooling the Blast Furnace Lining,
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RUSSIAN, per, Stal', No 9, 1958, pp 776-780.

Primary Sources SMT-1465

Scin- Engr
Jul 61

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APPROVED FOR RELEASE: Tuesday, May 28, 2002 CIA-RDP91-00772R000200810048-5

APPROVED FOR RELEASE: Tuesday, May 28, 2002 CIA-RDP91-00772R000200810048-5

Investigation of the Thermal Performance of a 500-Ton Open Hearth Furnace, by V.S. Kocho.

RUSSIAN, per, Stal', No 9, 1958, pp 782-788.

Primary Sources SMT-1473

USSR
Econ
Jul 61

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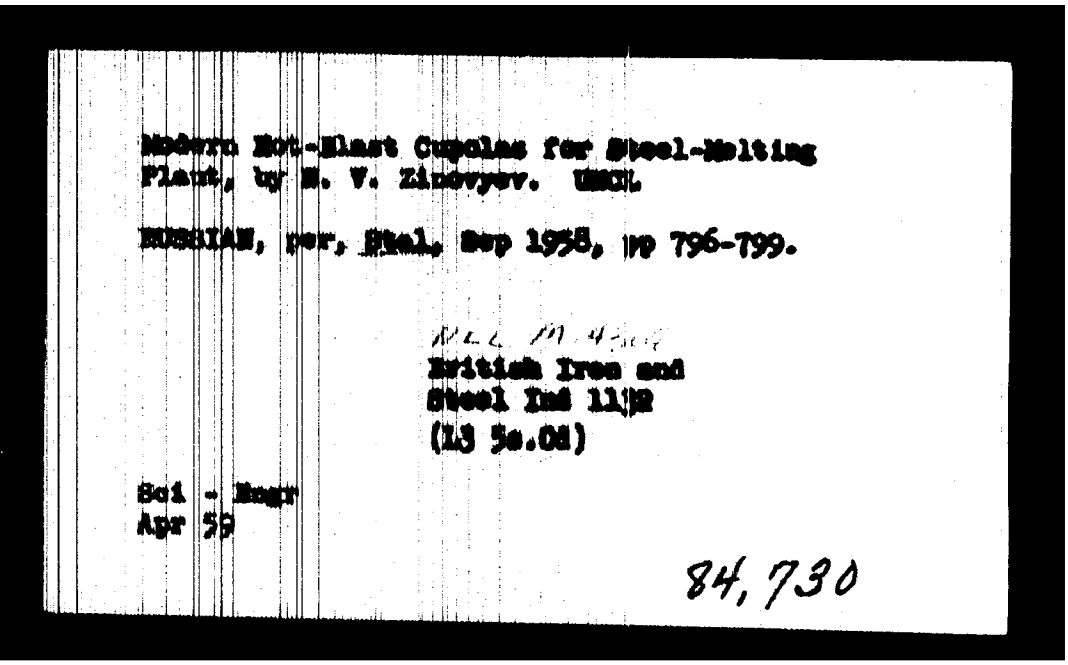

Modern Hot-Blast Cupolas for Steel-Melting Plant, by M. V. Zinovyev. USSR.

RUSSIAN, per. Stal, Sep 1955, pp 796-799.

British Iron and Steel Inst 11\2 (13 Se.01)

Sci - Engr
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APPROVED FOR RELEASE: Tuesday, May 28, 2002 CIA-RDP91-00772R000200810048-5

Use of Silicon Manganese in the Production of 18-8 Steels in Electric Furnaces with Oxygen Blowing, by L. I. Teder, et al. UNCL

RUSSIAN to FRENCH, per, Stal, Vol XVIII, No 9, 1958, pp 801, 802.

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IT 2310
6 rue de Lota
Paris 16me

APPROVED FOR RELEASE: Tuesday, May 28, 2002 CIA-RDP91-00772R000200810048-5

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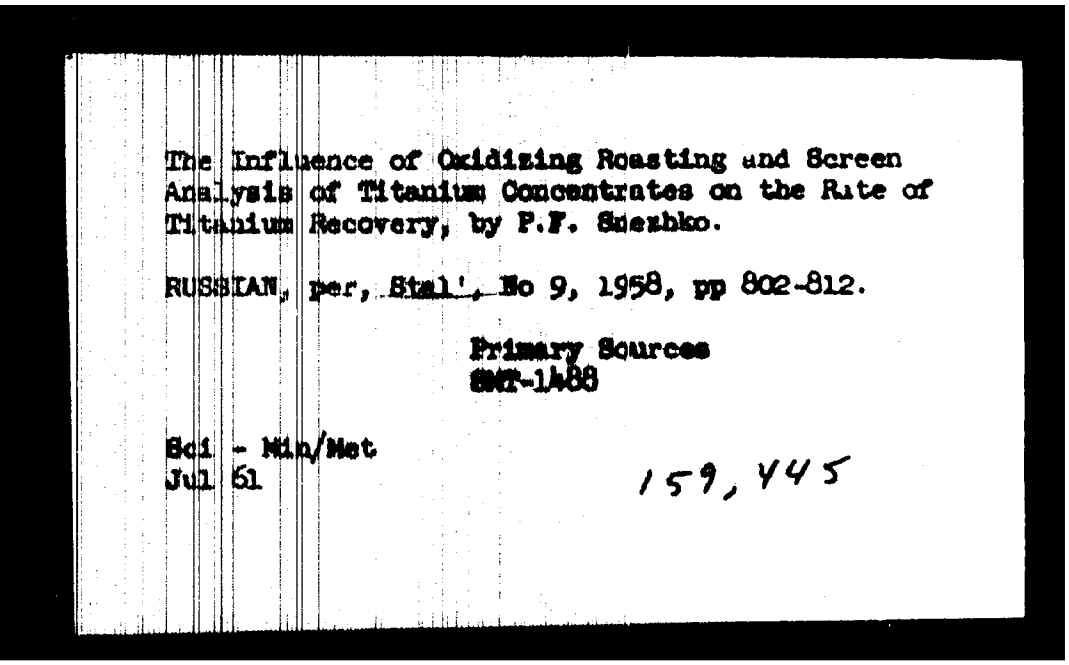

The Influence of Oxidizing Roasting and Screen Analysis of Titanium Concentrates on the Rate of Titanium Recovery, by P.F. Smezhko.

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Primary Sources
SMT-1488

Sci - Min/Met
Jul 61

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APPROVED FOR RELEASE: Tuesday, May 28, 2002 CIA-RDP91-00772R000200810048-5

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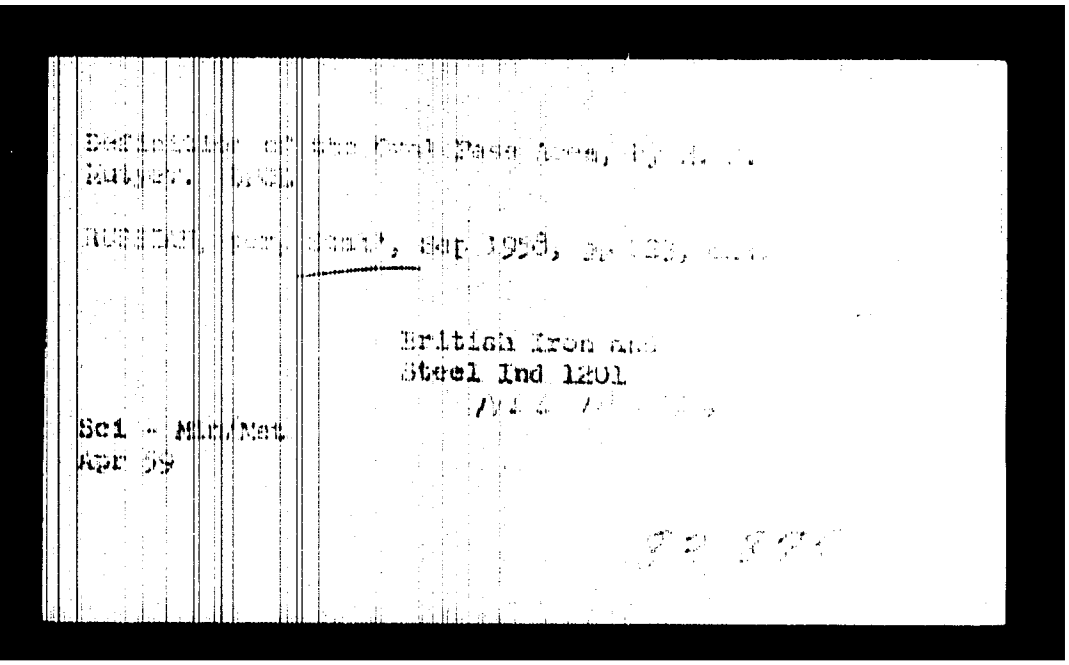

APPROVED FOR RELEASE: Tuesday, May 28, 2002 CIA-RDP91-00772R000200810048-5

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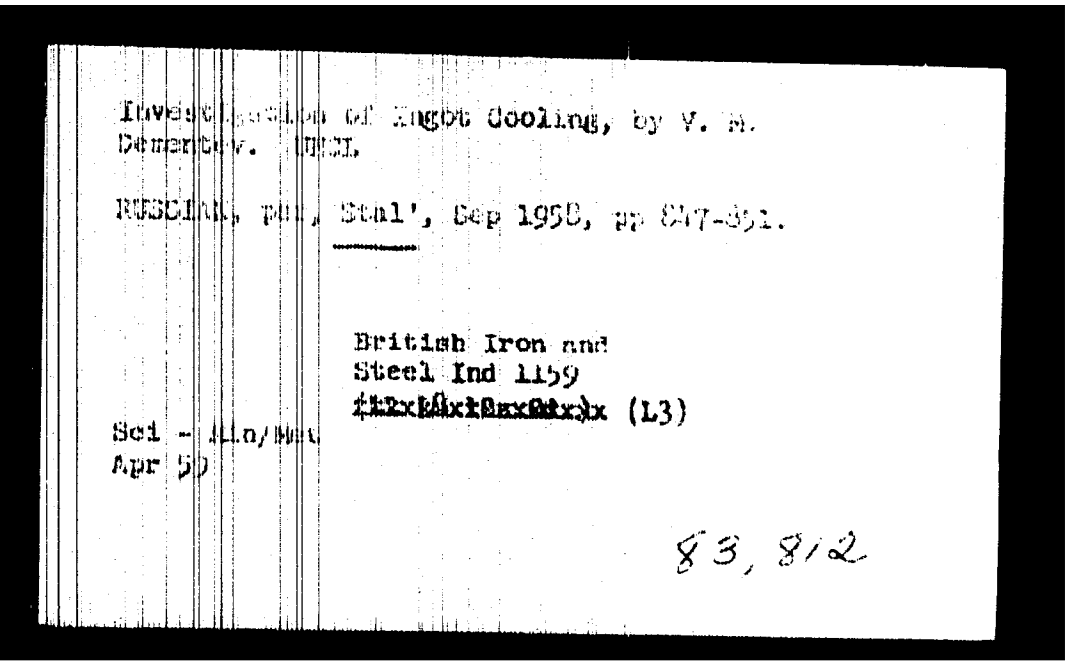

Investigation of Ingot Cooling, by V. M. Demarchev. [illegible]

RUSSIAN, pub, Stal', Sep 1950, pp 847-851.

British Iron and Steel Ind 1159

~~[illegible]~~ (L3)

Sci - Eln/Met
Apr 51

83, 812

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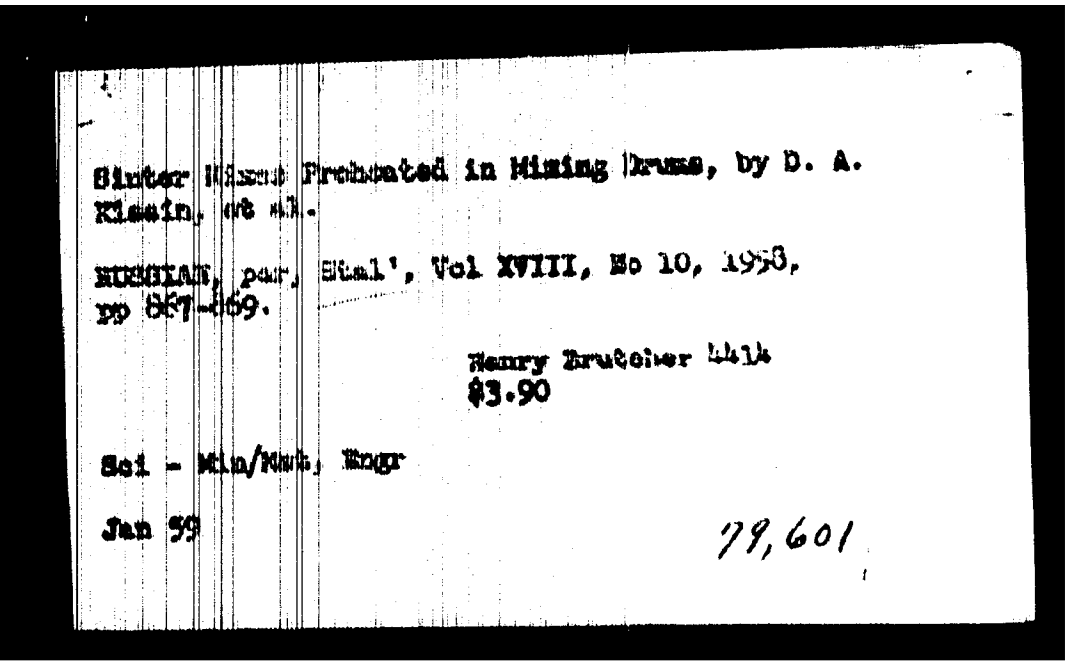
APPROVED FOR RELEASE: Tuesday, May 28, 2002 CIA-RDP91-00772R000200810048-5



Sinter Mixes Preheated in Mixing Drums, by D. A. Klein, et al.

KUKHAR', par. Stal', Vol XVIII, No 10, 1958, pp 867-869.

Henry Brutcher 4414
$3.90

Sci - Min/Mach. Engr

Jan 99

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APPROVED FOR RELEASE: Tuesday, May 28, 2002 CIA-RDP91-00772R000200810048-5

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The Reheating of Sinter Charges in Drum Mixers, by D. A. Kissin, et al. UNCL

RUSSIAN to FRENCH, per, Stal, Vol XVIII, No 9, 1958, pp 867-869.

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IT 2321
6 Rue de Lota
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APPROVED FOR RELEASE: Tuesday, May 28, 2002 CIA-RDP91-00772R000200810048-5

APPROVED FOR RELEASE: Tuesday, May 28, 2002 CIA-RDP91-00772R000200810048-5

Effect of the Blast Temperature on Dimensions of Blast Furnace Oxidizing Zones, by N. I. Vasilchenko, et al.

RUSSIAN to GERMAN, per, Stal, VoL XVIII, No 10, 1958, pp 869-874.

VDeh

Verein Deutsch Eisenhüttenleute
Duesseldorf
Breite Strasse 27, Germany

also RUSSIAN to FRENCH:

Dec 59

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IT 2324
6 Rue de Lota
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APPROVED FOR RELEASE: Tuesday, May 28, 2002 CIA-RDP91-00772R000200810048-5

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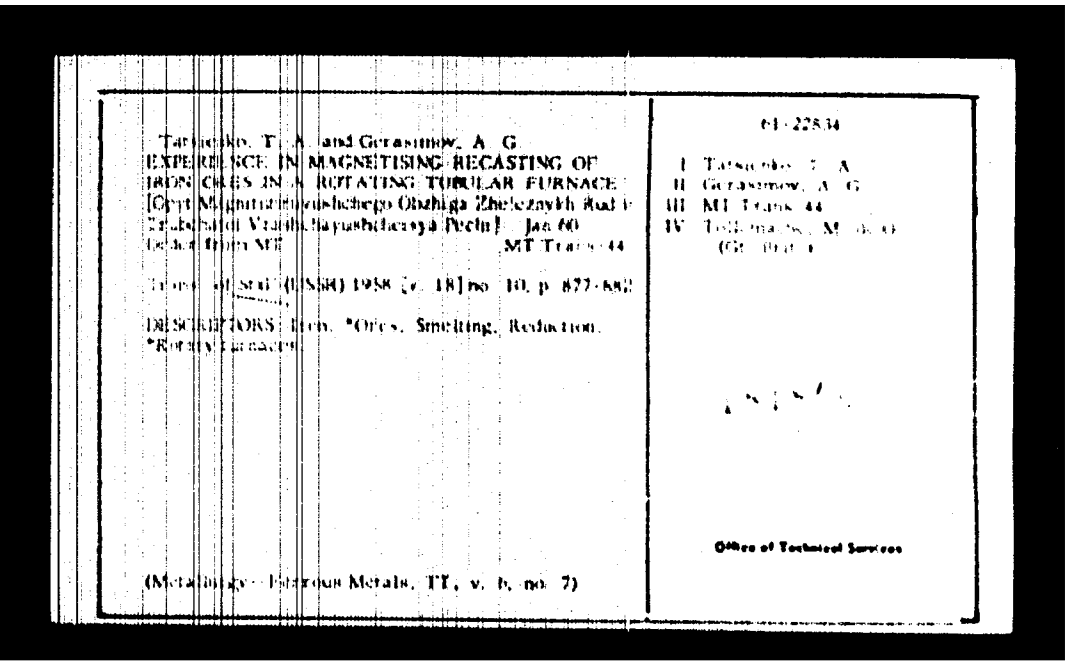

Tarasenko, T. A. and Gerasimov, A. G.
EXPERIENCE IN MAGNETISING RECASTING OF IRON ORES IN A ROTATING TUBULAR FURNACE [Opyt Magnitiruyushchego Obzhiga Zheleznykh Rud v Trubchatoi Vrashchayushcheisya Pechi] Jan 60
Declassified MT MT Trans-44

Tsvetnye Metally (USSR) 1958 [v. 18] no. 10, p. 877-882

DESCRIPTORS: Iron, *Ores, Smelting, Reduction, *Rotary Furnaces

(Metallurgy - Ferrous Metals, TT, v. 6, no. 7)

61-22834

I Tarasenko, T. A.
II Gerasimov, A. G.
III MT Trans-44
IV Translation, MT (61-22834)

Office of Technical Services

APPROVED FOR RELEASE: Tuesday, May 28, 2002 CIA-RDP91-00772R000200810048-5

APPROVED FOR RELEASE: Tuesday, May 28, 2002 CIA-RDP91-00772R000200810048-5

Amelioration de la Tenue des Refractaires de Haut Fourneau, by N. F. Kozinskiy. UMCL

RUSSIAN to FRENCH, per, Stal, No 10, 1958, pp 883-.

Centre de Documentation Siderurgique
IT 2363
6, rue de Lota
Paris 16me

APPROVED FOR RELEASE: Tuesday, May 28, 2002 CIA-RDP91-00772R000200810048-5

APPROVED FOR RELEASE: Tuesday, May 28, 2002 CIA-RDP91-00772R000200810048-5

Production of Semi-Killed Steels, by L. M. Efimov, et al. UNCL

RUSSIAN to FRENCH, per, Stal, Vol XVIII, No 10, 1958, pp 885-890.

Centre de Documentation Siderurgique
IT 2322
6 rue de Lota
Paris 16me

APPROVED FOR RELEASE: Tuesday, May 28, 2002 CIA-RDP91-00772R000200810048-5

APPROVED FOR RELEASE: Tuesday, May 28, 2002 CIA-RDP91-00772R000200810048-5

Production of Semi-Killed Steel, by L. M. Efimov, et al.
to GERMAN,
RUSSIAN, per, Stal, Vol XVIII, 1958, pp 885-890.

Verein Deutscher Eisenhuettenleute
Duesseldorf
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Germany

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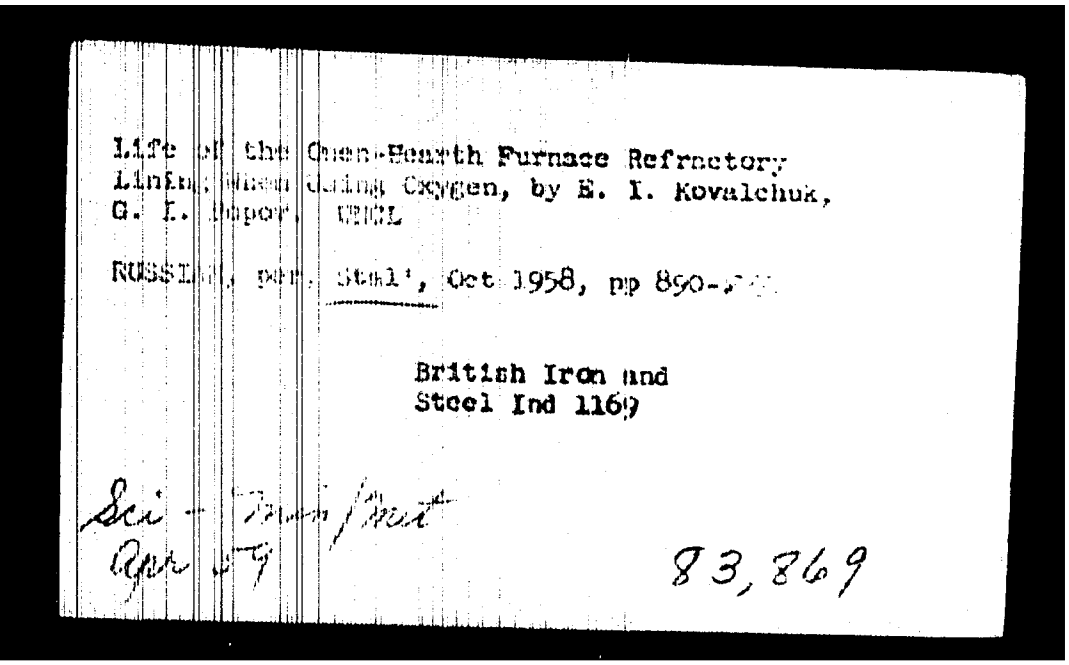

Life of the Open-Hearth Furnace Refractory
Lining When Using Oxygen, by E. I. Kovalchuk,
G. I. Popov, VNIIL

RUSSIAN, per. Stal', Oct 1958, pp 890-[illegible]

British Iron and
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Sci - Tech Dept
Apr 59

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APPROVED FOR RELEASE: Tuesday, May 28, 2002 CIA-RDP91-00772R000200810048-5

APPROVED FOR RELEASE: Tuesday, May 28, 2002 CIA-RDP91-00772R000200810048-5

Behaviour of Open-Hearth Refractory Linings During Oxygen Blowing, by E. I. Koval'chuk, et al. UNCL

RUSSIAN to FRENCH, per, Stal, Vol XVIII, No 10, 1958, pp 890-893.

Centre de Documentation Siderurgique
IT 2323
6 Rue de Lota
Paris 16me

APPROVED FOR RELEASE: Tuesday, May 28, 2002 CIA-RDP91-00772R000200810048-5

APPROVED FOR RELEASE: Tuesday, May 28, 2002 CIA-RDP91-00772R000200810048-5

Slonim, D. M.
THE RELATIONSHIP BETWEEN INGOT MOULD LIFE AND BOTTOM PLATE LIFE AND THEIR DESIGNS AND CONDITIONS OF SERVICE [Zavisimost' Stoikosti Izlozhnits i Poddonov ot Konstruktsii i Uslovii Ekspluatatsii]. Jan 60.
Order from MT £4 4s MT Trans-45

Trans. of Stal' (USSR) 1958 [v. 18] no. 10, p. 894-899.

DESCRIPTORS: *Casting, Molding, Design, Fracture (Mechanics), Stresses.

(Metallurgy, TT, v. 6, no. 9)

61-22835

I. Slonim, D. M.
II. MT Trans-45
III. Tollemache M. de O. (Gt. Brit.)

13524

Office of Technical Services

APPROVED FOR RELEASE: Tuesday, May 28, 2002 CIA-RDP91-00772R000200810048-5

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Improving the Structure of the Head of a Rimming Steel Ingot, by A. M. Uzienko, et al.

RUSSIAN to GERMAN, per, Stal, VoL XXX XVIII, No 10, 1958, pp 899-905.

VDeh

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Duesseldorf
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Germany

Dec 59

APPROVED FOR RELEASE: Tuesday, May 28, 2002 CIA-RDP91-00772R000200810048-5

APPROVED FOR RELEASE: Tuesday, May 28, 2002 CIA-RDP91-00772R000200810048-5

Amelioration de la Tenue des Cylindres de Laminoir en Acier Trempe au Moyen d'un Revenu de Detente, by N. S. Vasilchenko. UNCL

RUSSIAN to FRENCH, per, Stal, No 10, 1958, pp 917-920.

CDS IT 2351
Centre de Documentation Siderurgique
6, Rue de Lota
Paris 16me

Feb 60

APPROVED FOR RELEASE: Tuesday, May 28, 2002 CIA-RDP91-00772R000200810048-5

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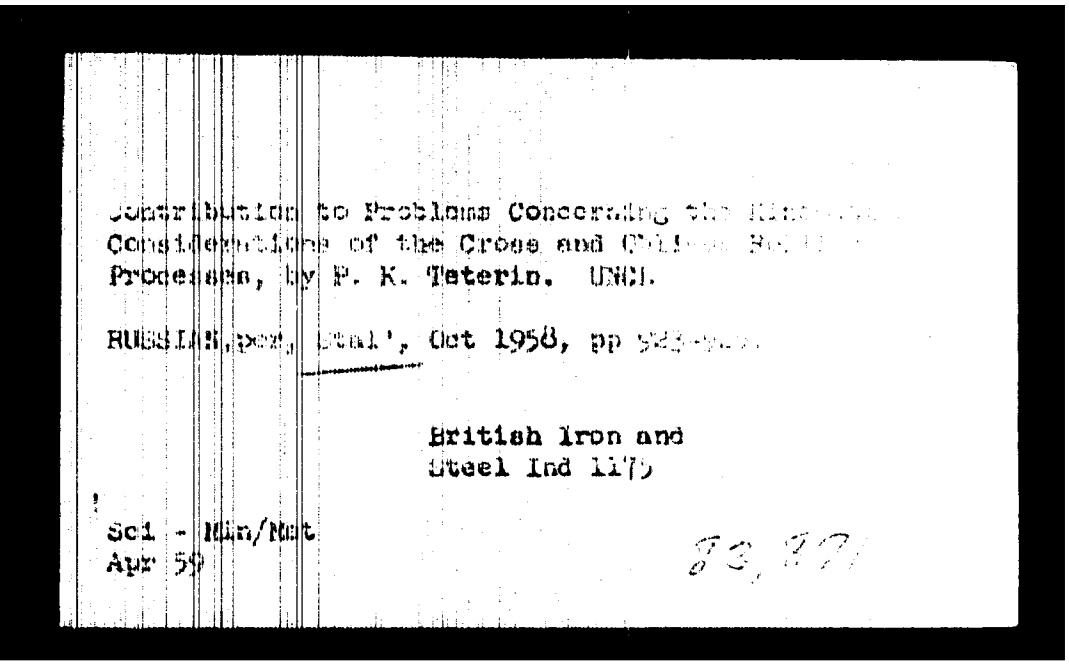

Contribution to Problems Concerning the [illegible]
Considerations of the Cross and [illegible]
Production, by F. K. Teterin. UNCL.

RUSSIAN, per, Stal', Oct 1958, pp [illegible]

British Iron and
Steel Ind 1179

Sci - Min/Met
Apr 59

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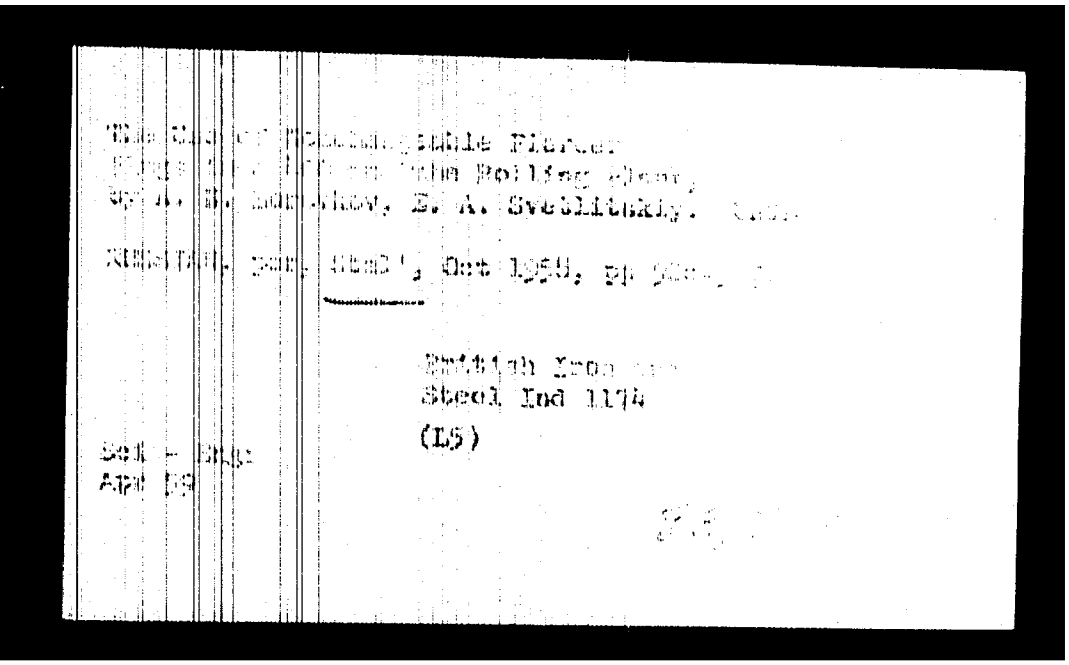

Steel Ind 1174
(L5)

APPROVED FOR RELEASE: Tuesday, May 28, 2002 CIA-RDP91-00772R000200810048-5

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The Mechanization and Automation of Tube Protection, by M. G. Berdyanskiy. UMCL

RUSSIAN, per, Stal, Oct 1958, pp 928-930.

British Iron and Steel Inst 1173 (L3 5a.08)

Mel - Engr
Apr 59

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APPROVED FOR RELEASE: Tuesday, May 28, 2002 CIA-RDP91-00772R000200810048-5

Production and Properties of Aluminium-Killed Age-Resisting Steel Sheet, by D. A. Litvinenko, et al.
UNCL

RUSSIAN to GERMAN, per, Stal, Vol XVIII, 1958, pp 931-938.

Verein Deutscher Eisenhuettenleute
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Germany

APPROVED FOR RELEASE: Tuesday, May 28, 2002 CIA-RDP91-00772R000200810048-5

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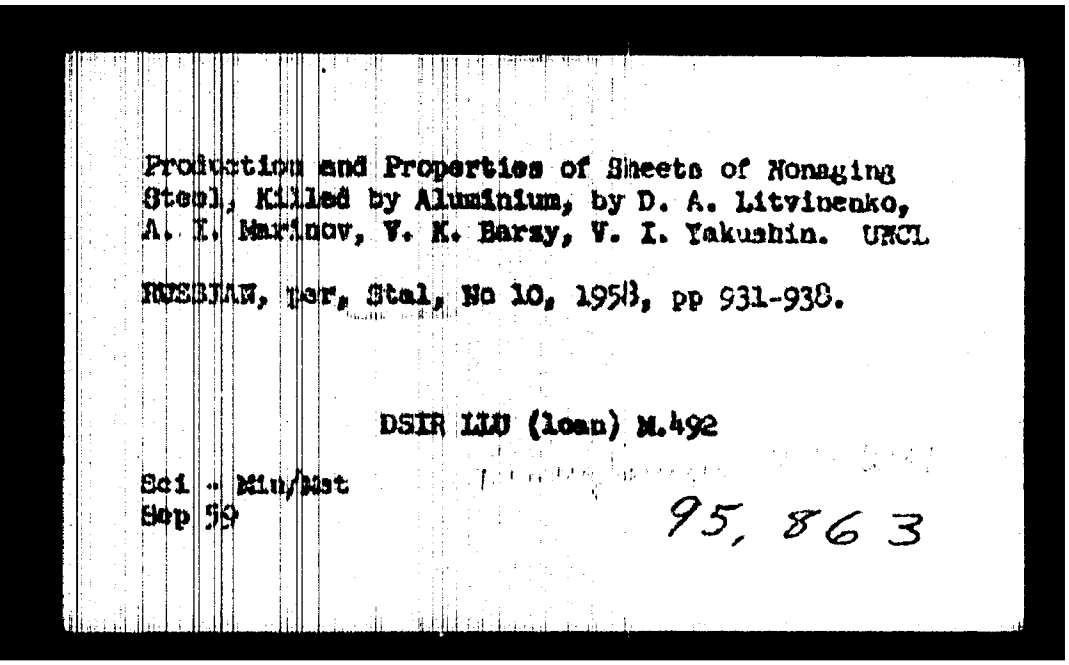

Production and Properties of Sheets of Nonaging Steel, Killed by Aluminium, by D. A. Litvinenko, A. I. Marinov, V. K. Barzy, V. I. Yakushin. UNCL

RUSSIAN, Per, Stal, No 10, 1958, pp 931-938.

DSIR LLU (loan) M.492

Sci - Min/Met
Sep 59

95, 863

APPROVED FOR RELEASE: Tuesday, May 28, 2002 CIA-RDP91-00772R000200810048-5

APPROVED FOR RELEASE: Tuesday, May 28, 2002 CIA-RDP91-00772R000200810048-5

Effect of Alloying Elements on, and Calculation of, the Tensile and Yield Strengths of Low-Alloy Steels, by M. S. Mikhalev, M. I. Gol'dstein.

RUSSIAN, per, Stal', Vol XVIII, No 10, 1958, pp 942-946.

HB 4886

Sci -- Min/Met

Feb 61

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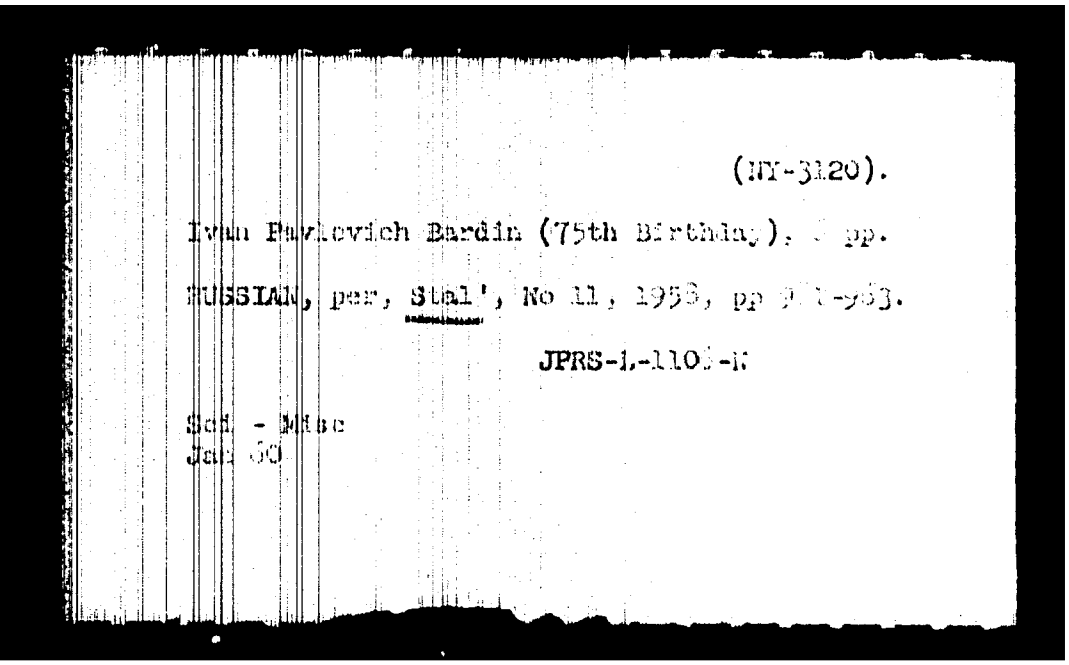

(IN-3120).

Ivan Pavlovich Bardin (75th Birthday), [illegible] pp.

RUSSIAN, per, Stal', No 11, 1953, pp [illegible].

JPRS-L-1103-N

Sci - Misc
Jan 60

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APPROVED FOR RELEASE: Tuesday, May 28, 2002 CIA-RDP91-00772R000200810048-5

Smelting Ferro-Silicon, by Nosovitskiy, et al. UNCL

RUSSIAN, per, Stal, Nov 1958, pp 969-976.

*British Iron and
Steel Ind

For publ in 'Iron and Coal Trades
Review' or 'Metal Treatment'

Sel - Min/Met
Apr 59

APPROVED FOR RELEASE: Tuesday, May 28, 2002 CIA-RDP91-00772R000200810048-5

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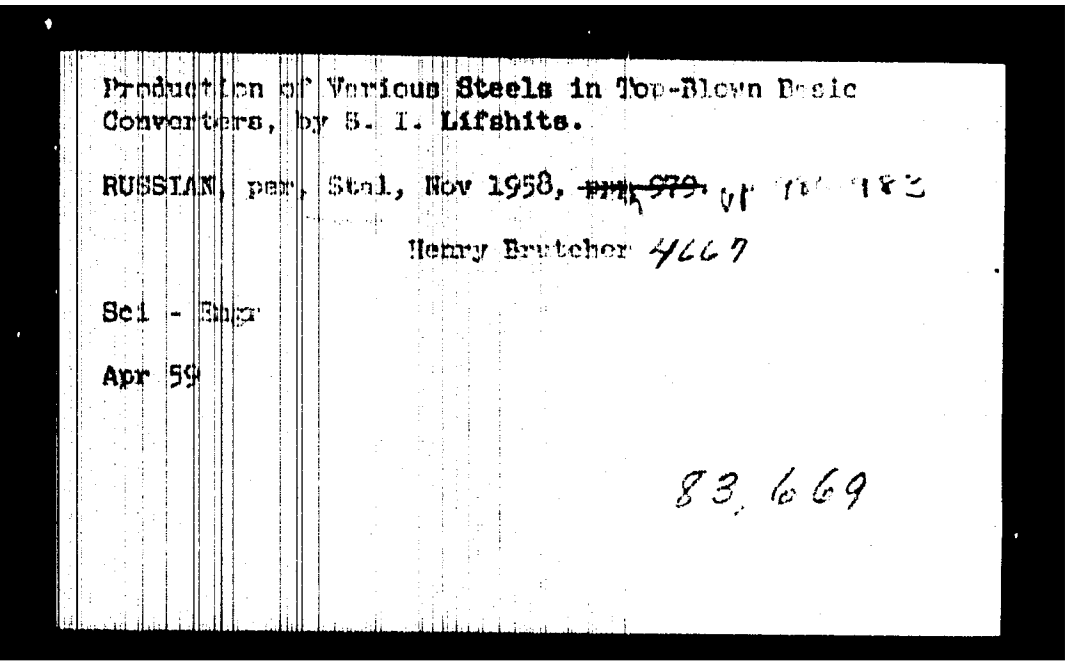


Production of Various Steels in Top-Blown Basic Converters, by S. I. Lifshits.

RUSSIAN, per, Stal, Nov 1958, ~~pp 979~~ pp 1013-1023

Henry Brutcher 4667

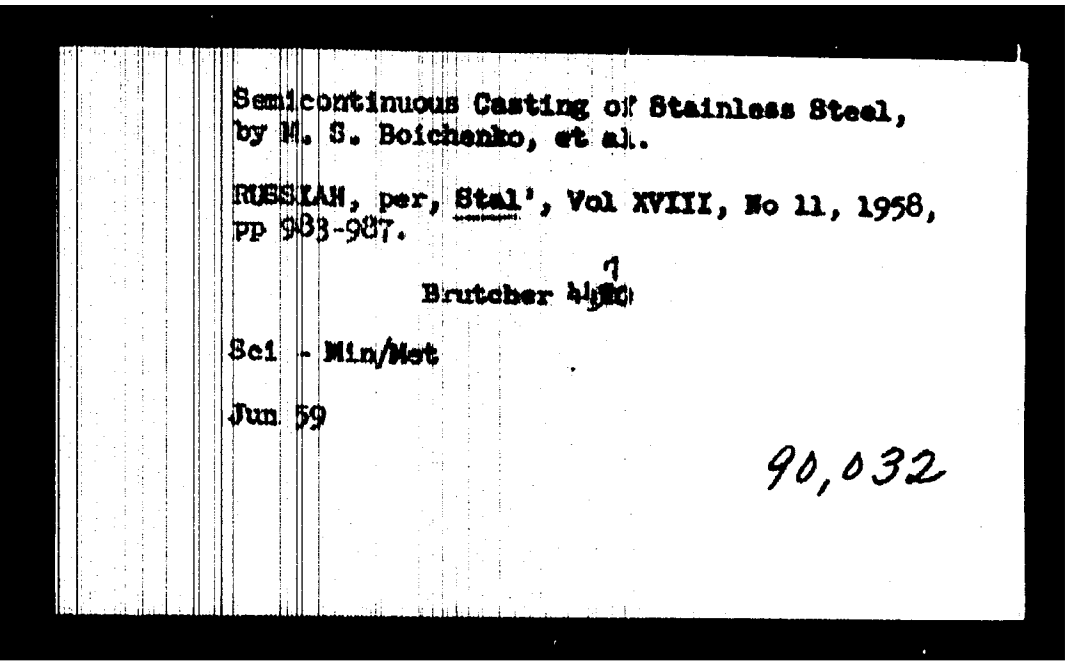
Sel - Engr

Apr 59

83,669

APPROVED FOR RELEASE: Tuesday, May 28, 2002 CIA-RDP91-00772R000200810048-5

APPROVED FOR RELEASE: Tuesday, May 28, 2002 CIA-RDP91-00772R000200810048-5



Semicontinuous Casting of Stainless Steel,
by M. S. Boichenko, et al.

RUSSIAN, per, Stal', Vol XVIII, No 11, 1958,
pp 983-987.

Brutcher 4(2)

Sci - Min/Met

Jun 59

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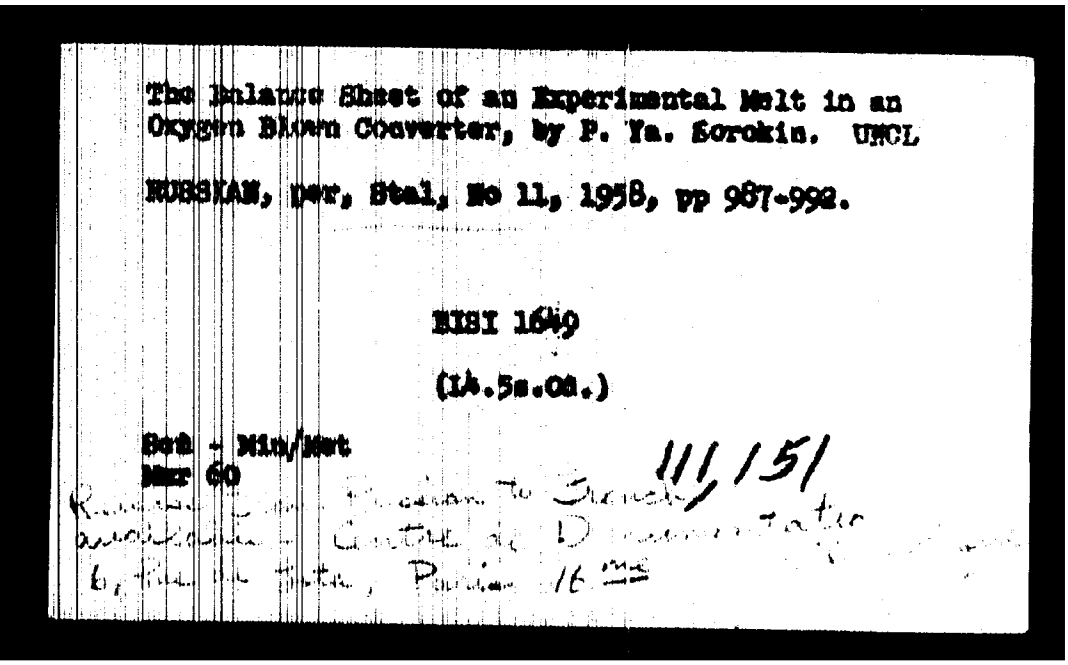

The Balance Sheet of an Experimental Melt in an Oxygen Blown Converter, by P. Ya. Sorokin. UNCL

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RISI 1649

(14.5s.0a.)

Ger - Min/Met
Mar 60

111/151

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Investigation of a Metal Stream by High Speed Filming, by A. G. Il'in, B. Z. Kononov. UNCL

RUSSIAN, per, Stal', Nov 1958, pp 994-995.

British Iron and
Steel Ind 1223
(Not included in BISI Tr Sv
unless 2 copies are requested).

Sci - Phys
Apr 59

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Open-Hearth Steel Baths Agitated in a Rotating Magnetic Field, by G. A. Ostrounov.

RUSSIAN, per, Stal., Nov 1958, pp 999-1002.

Henry Brutcher

Sci + Engr

Apr 59

83,668

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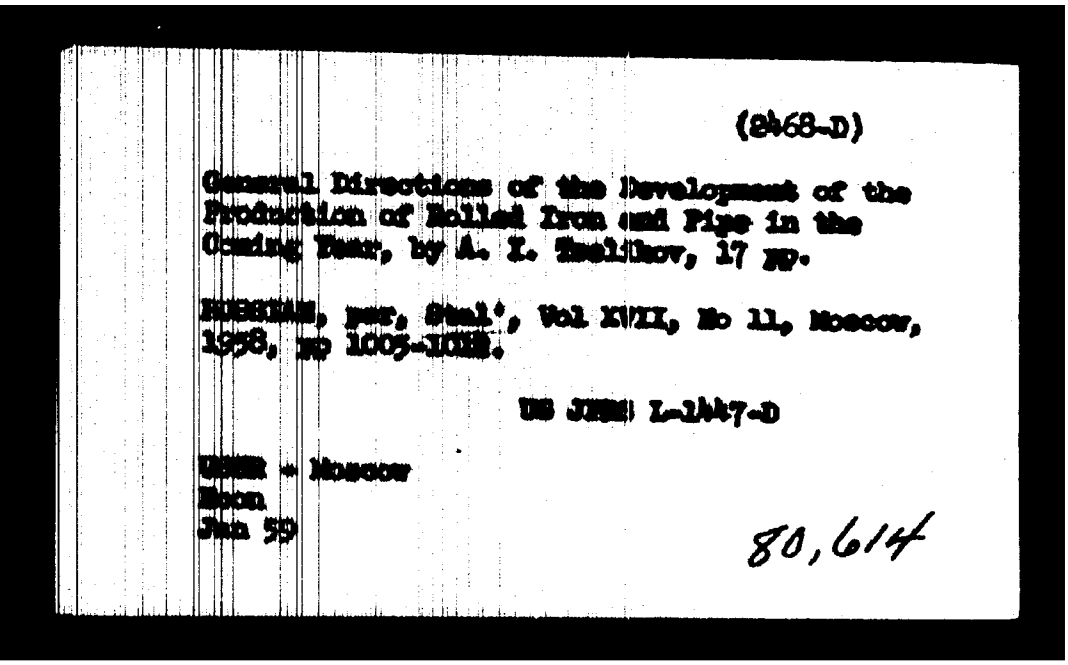

(2468-D)

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DS JPRS: L-1447-D

USSR - Moscow
Econ
Jan 59

80,614

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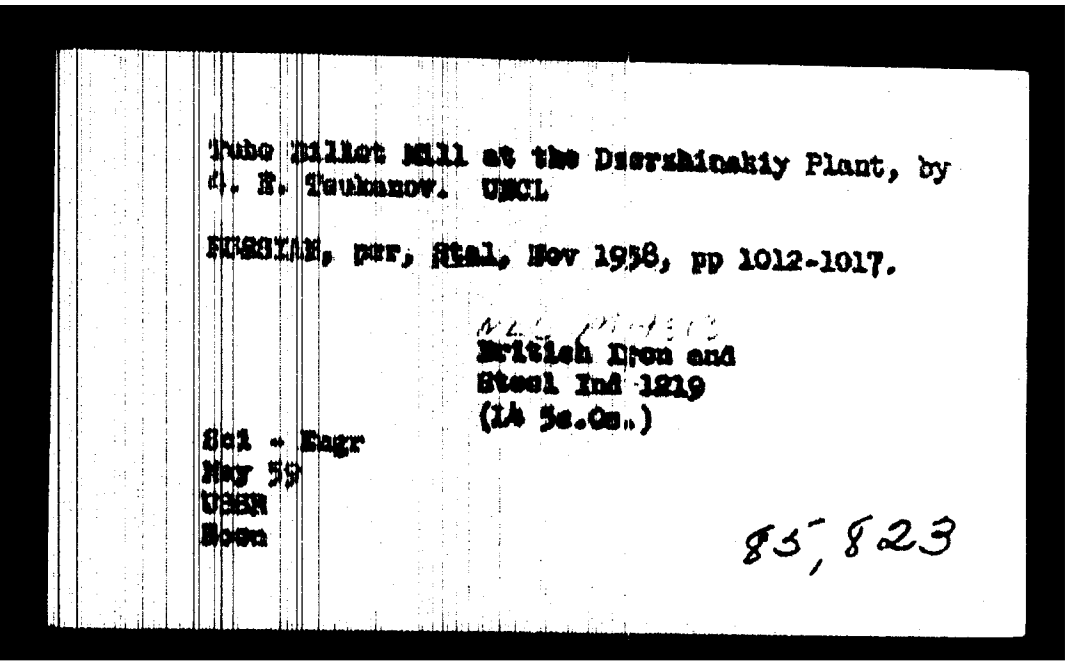

Tube Billet Mill at the Dzerzhinskiy Plant, by
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British Iron and
Steel Inst 1219
(14 Se.Os.)

Sci - Engr
May 59
USSR
Steel

85, 823

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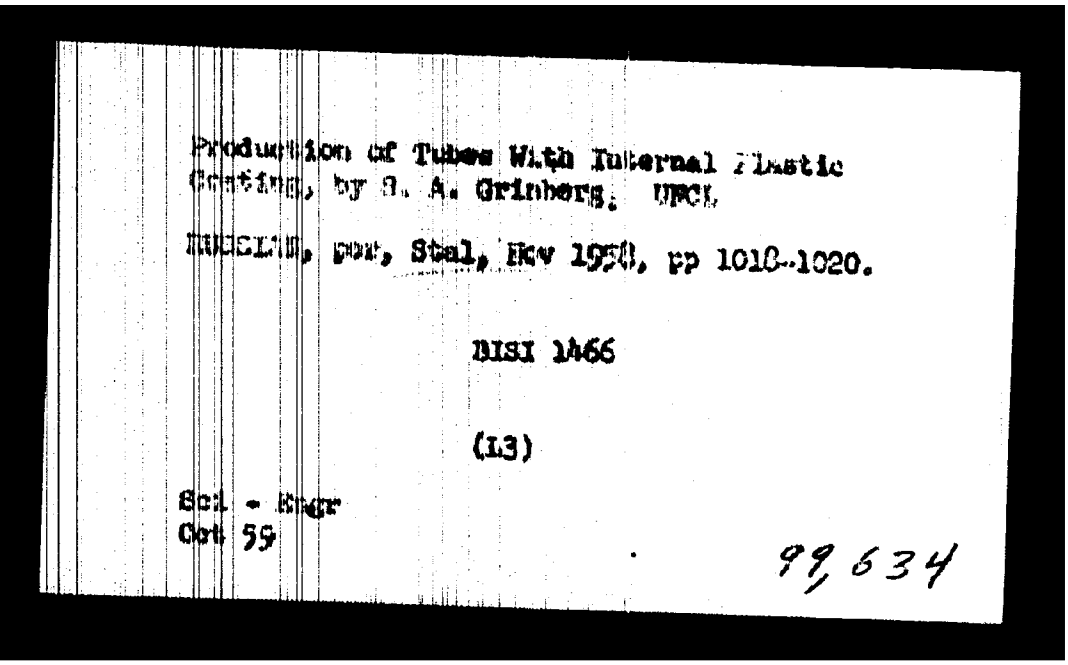

Production of Tubes With Internal Plastic Coating, by S. A. Grinberg, UFCI.

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BISI 1466

(L3)

Sci - Engr
Oct 59

99,634

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Etude de Conditions de Production de Toles d'Acier au Silicium Laminees a Froid a Texture peu Prononcee, by A. A. Kastorguiev. UNCL

RUSSIAN to FRENCH, per, Stal, No 11, 1958, Mmxii pp 1023-1029.

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The Heat Treatment of Cold-Rolled Dynamo Steel in Coils, by M. I. Kolov, A. I. Terekhova.

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BISI 2869

Sel - Engr

Oct 62

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List 150

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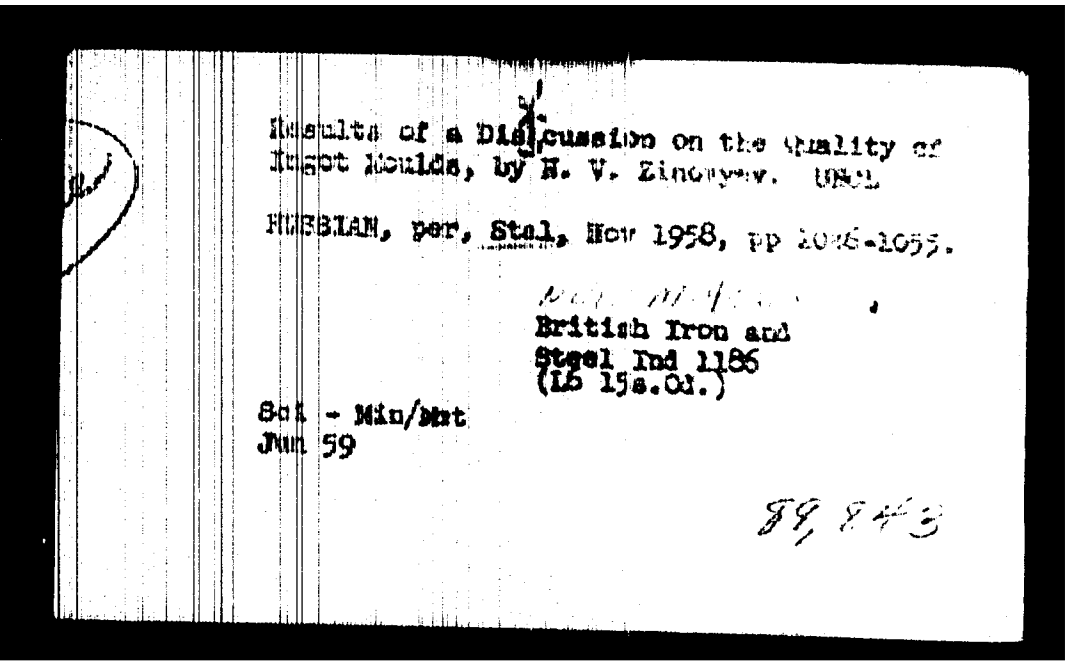

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British Iron and Steel Ind 1186 (LB 15a.01.)

8nt - Min/Met
Jun 59

89 843

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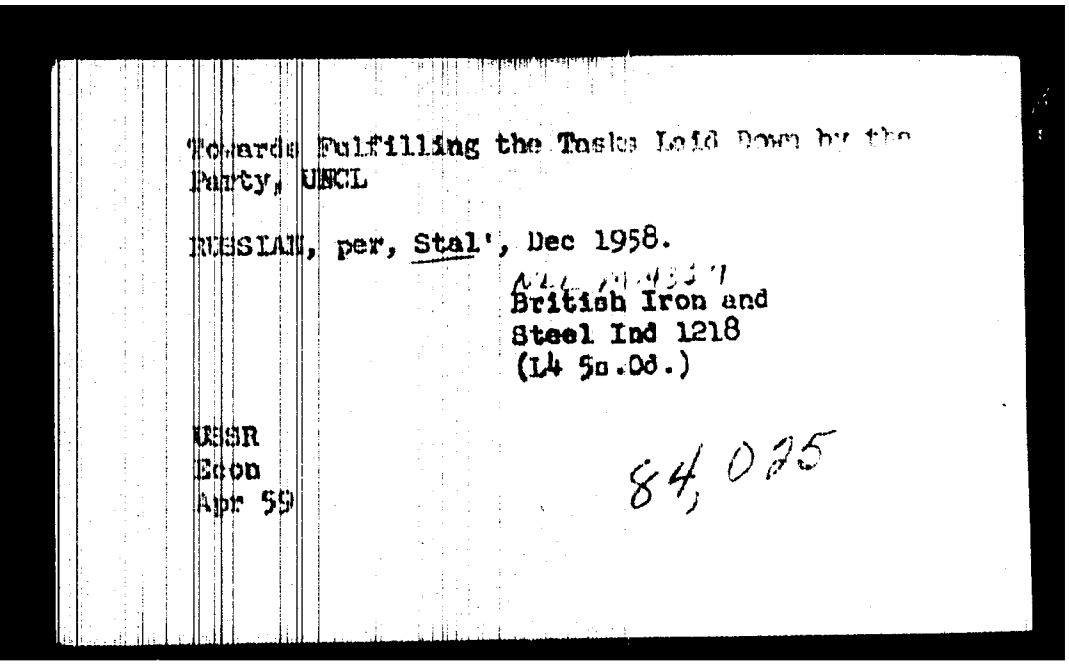

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USSR
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Apr 59

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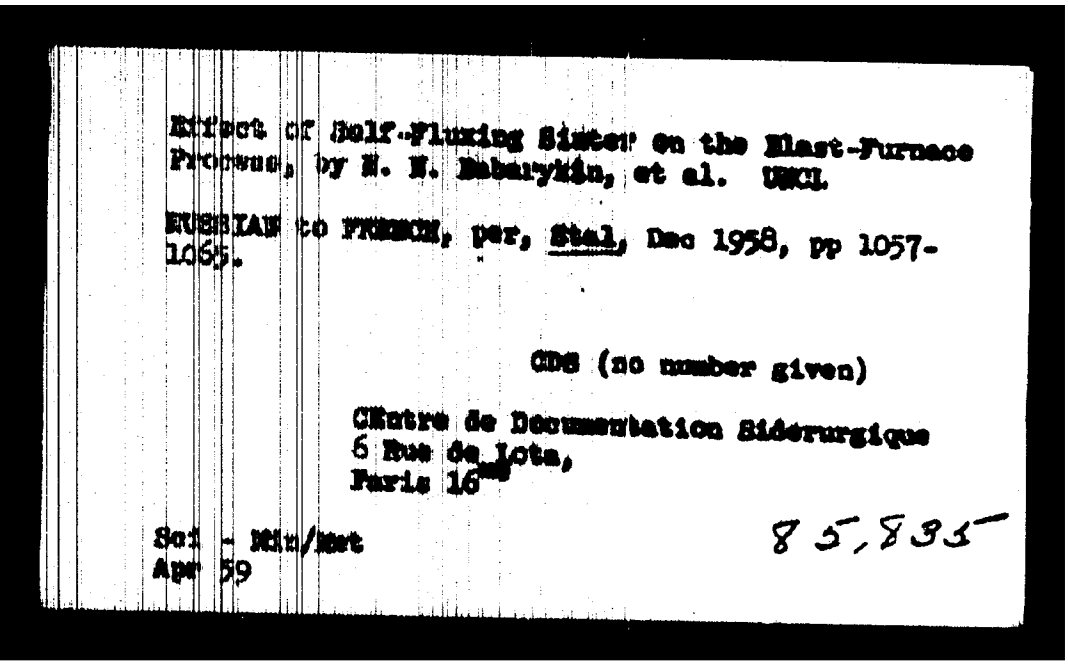

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CDS (no number given)

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Sel - Min/Met
Apr 59

85,835

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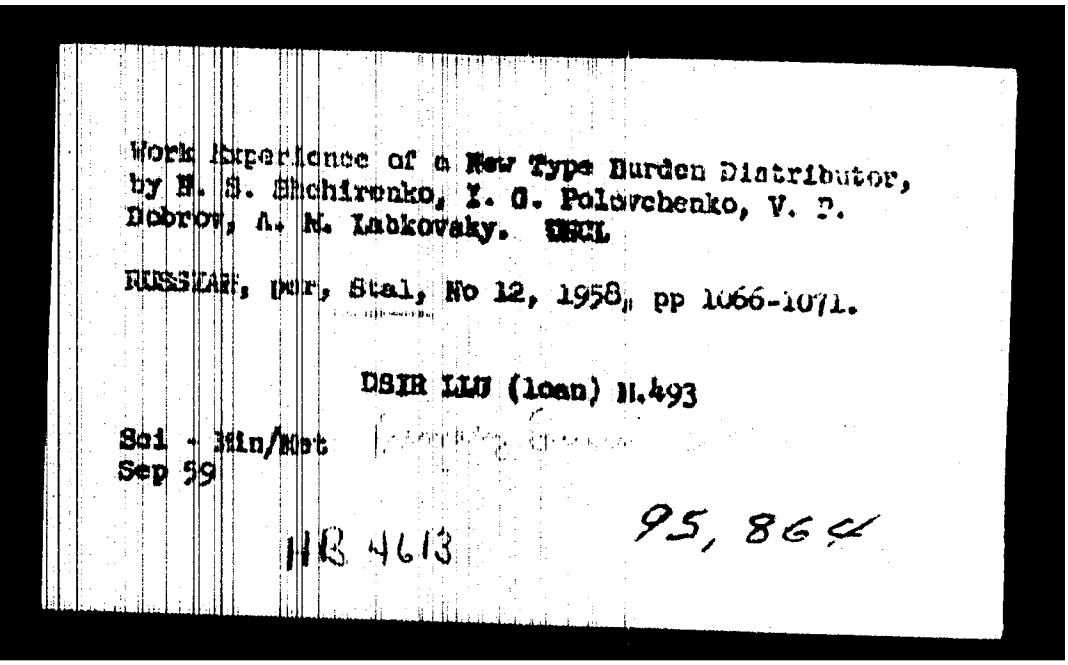

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Dobrov, A. M. Labkovsky. UKSL

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DSIR LLU (loan) 11.493

Sci - Min/Met
Sep 59

HB 4613

95, 864

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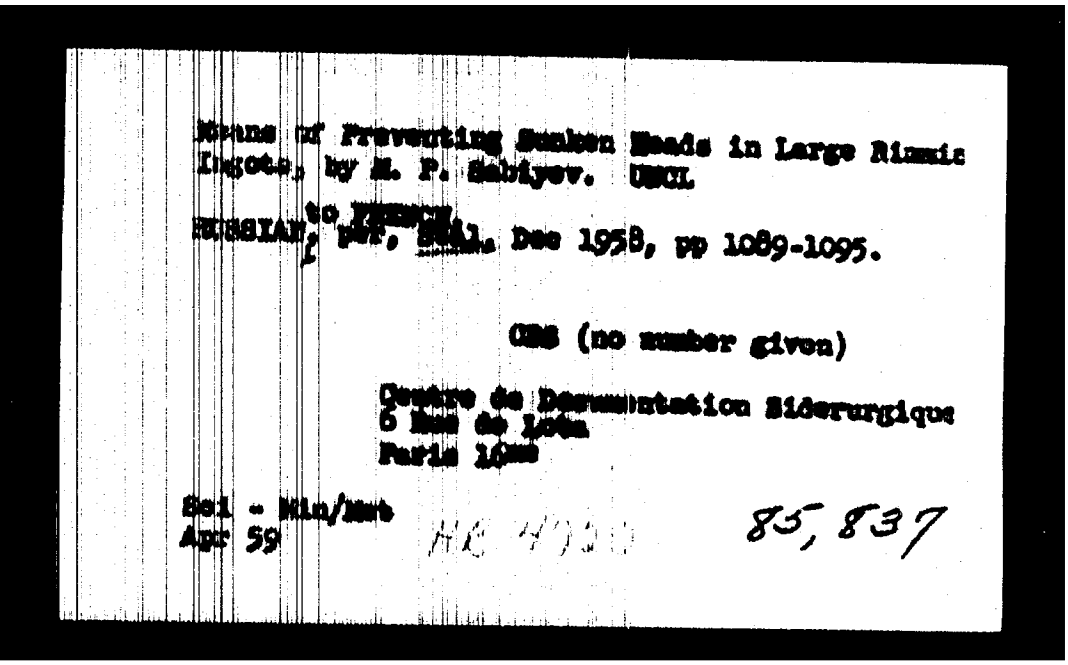

Means of Preventing Sunken Heads in Large Rimmi
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Sol - Min/Met
Apr 59

85,837

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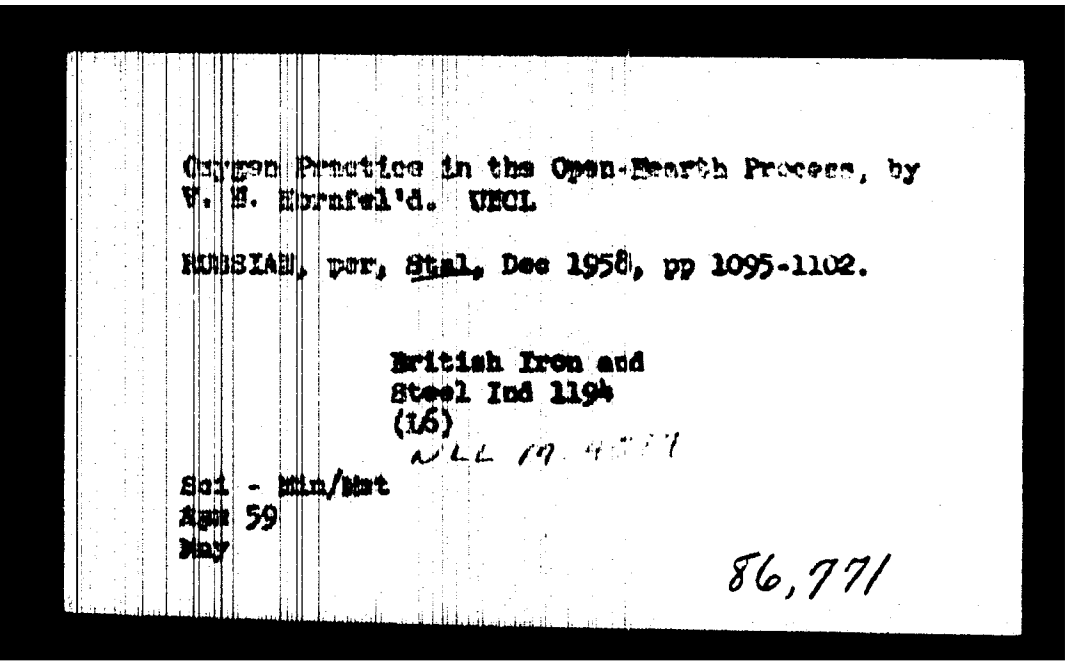

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RUSSIAN, per, Stal, Dec 1958, pp 1095-1102.

British Iron and
Steel Ind 1194
(16)

Sci - Min/Met
Apr 59
May

86,771

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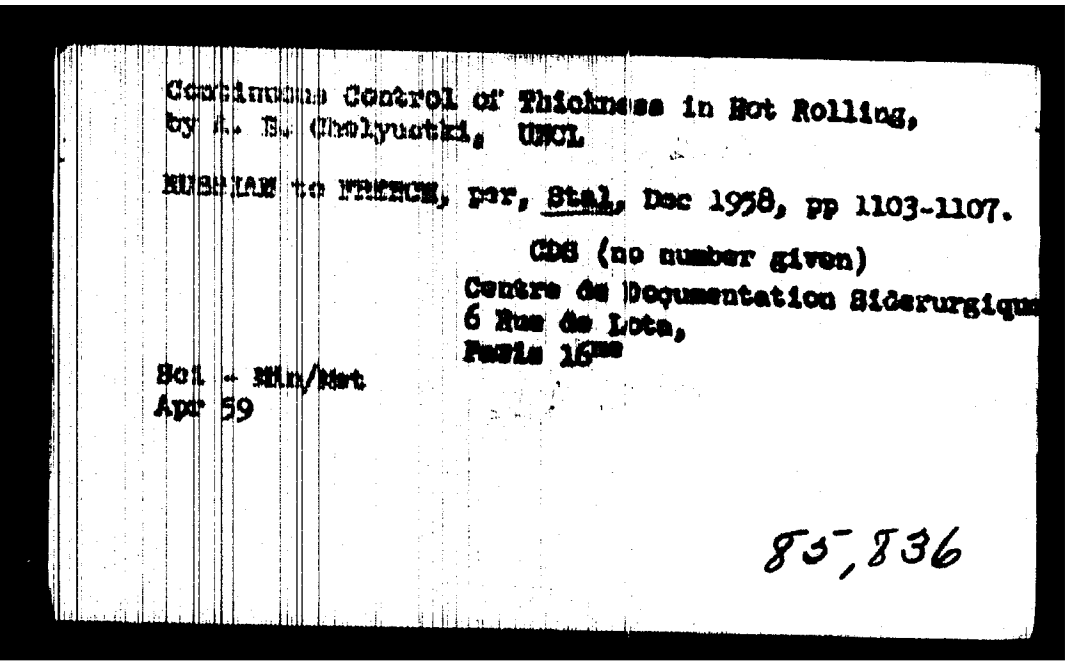

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Bol - Min/Met
Apr 59

83,836

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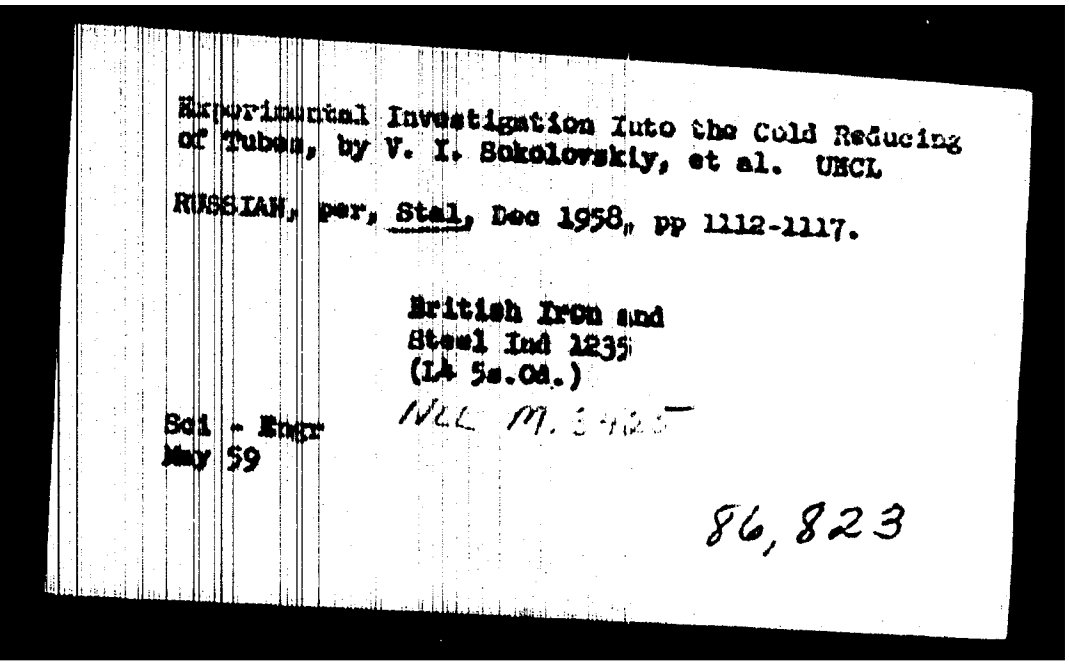

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British Iron and Steel Ind 1235 (1h 5s.0d.)

Sci - Engr May 59

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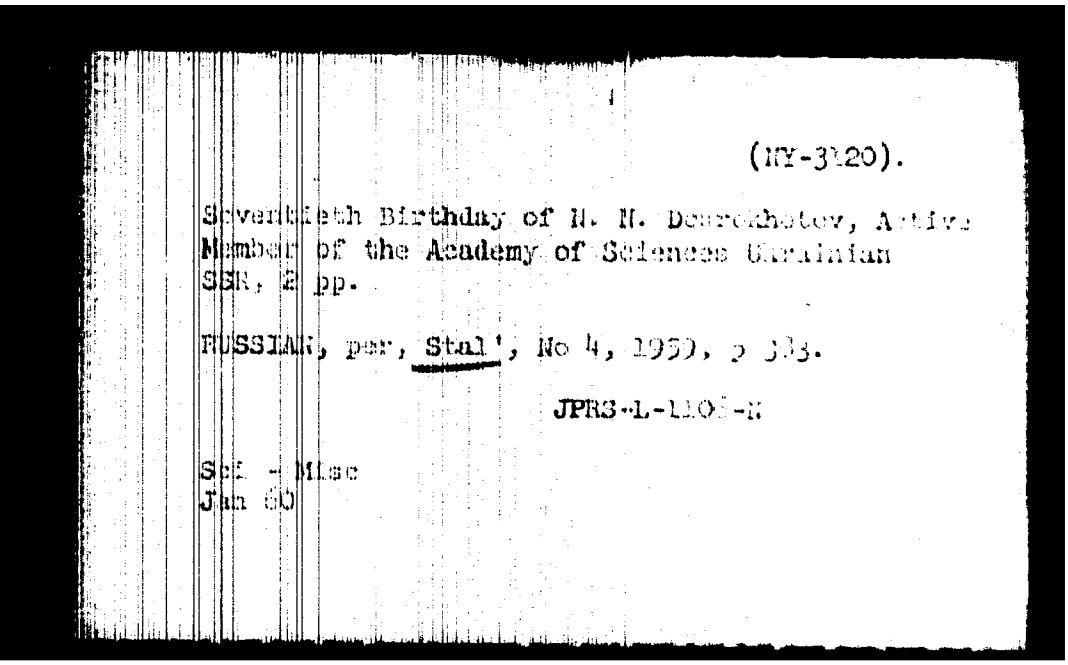

(IV-3120).

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JPRS-L-1103-N

Sci - Misc
Jan 60

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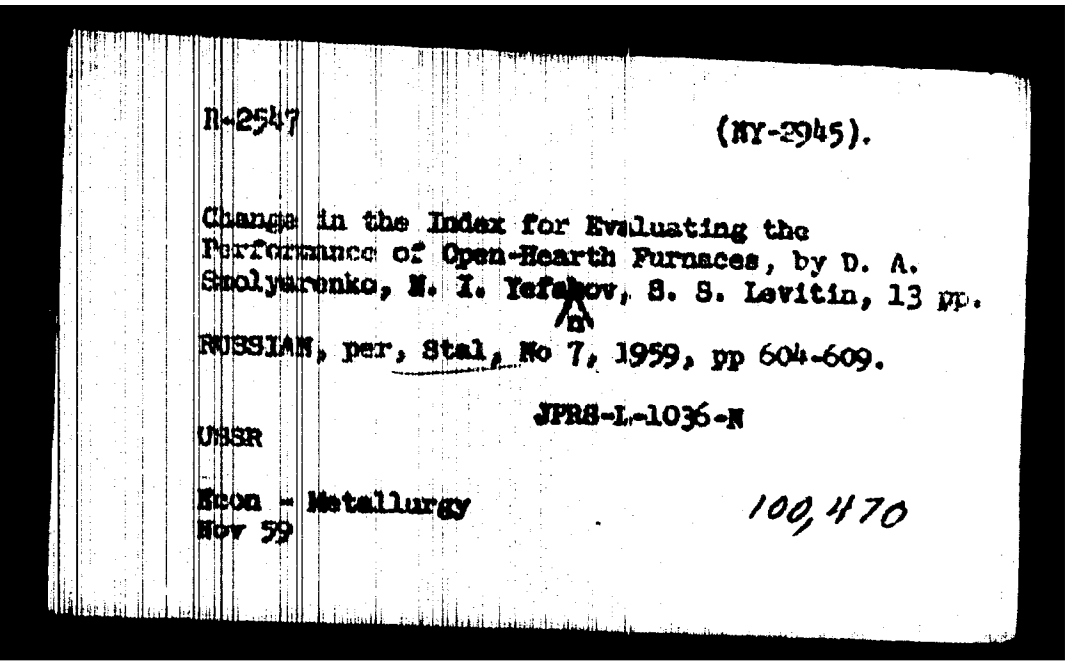

N-2547 (NY-2945).

Change in the Index for Evaluating the Performance of Open-Hearth Furnaces, by D. A. Smolyarenko, N. I. Yefimov, S. S. Levitin, 13 pp.

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JPRS-L-1036-N

USSR

Econ - Metallurgy
Nov 59

100,470

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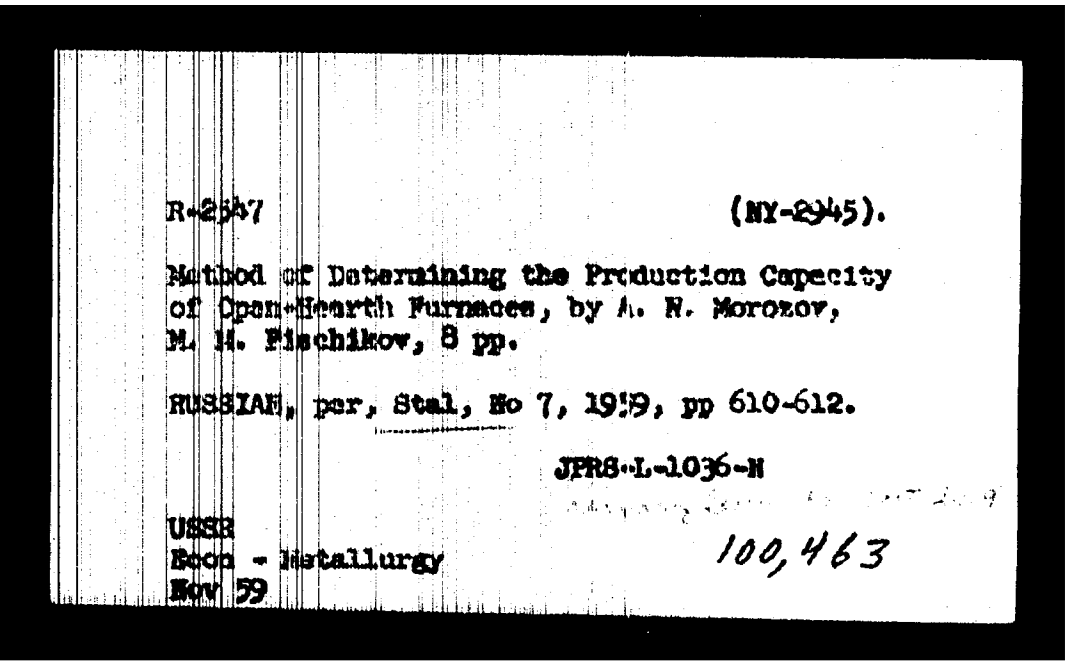

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Method of Determining the Production Capacity of Open-Hearth Furnaces, by A. N. Morozov, M. M. Pinchikov, 8 pp.

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Nov 59

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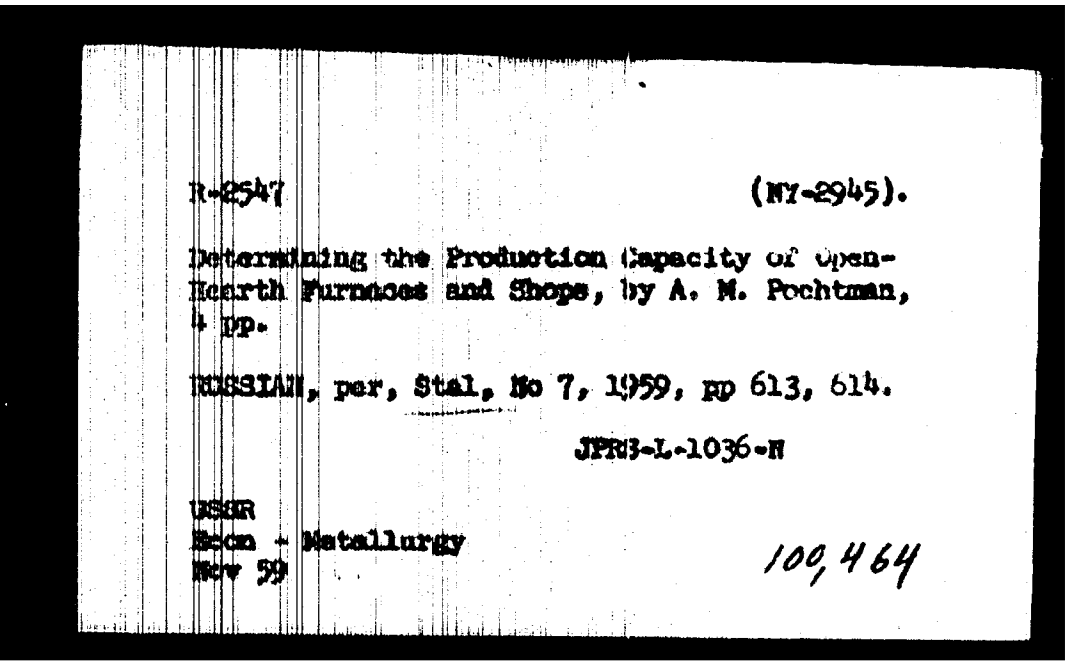

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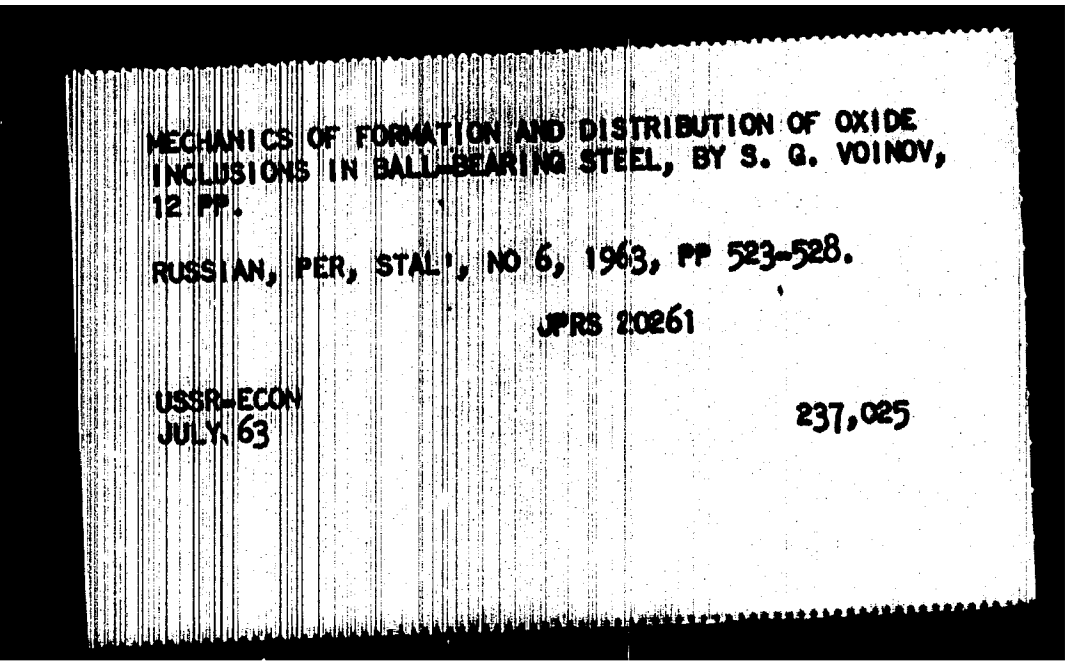

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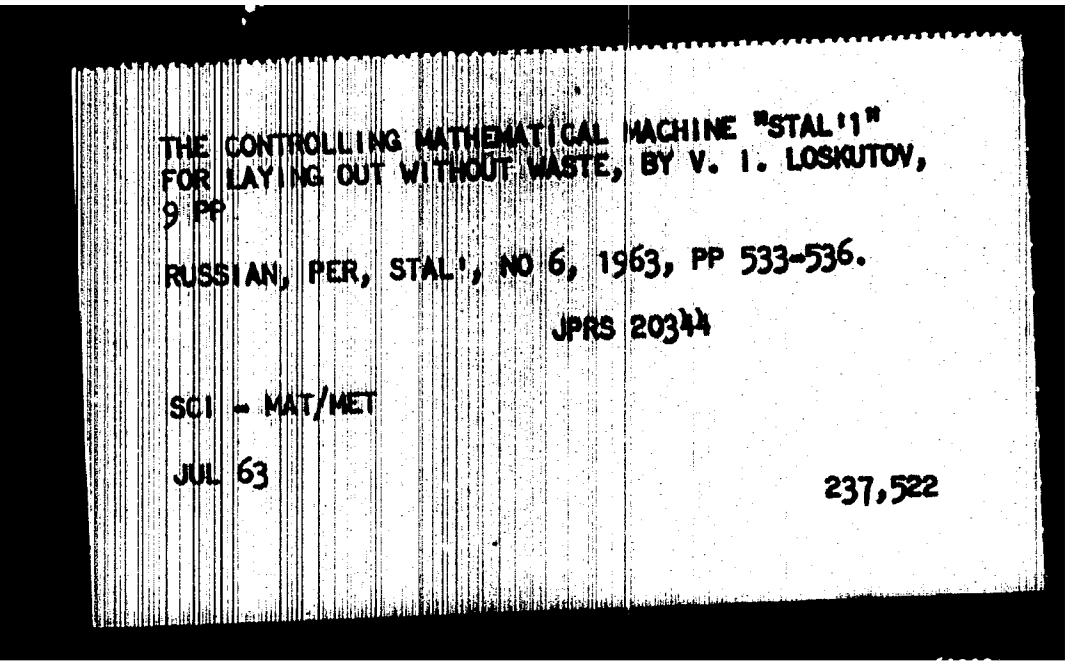

THE CONTROLLING MATHEMATICAL MACHINE "STAL'1" FOR LAYING OUT WITHOUT WASTE, BY V. I. LOSKUTOV, 9 PP

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JPRS 20344

SCI - MAT/MET

JUL 63

237,522

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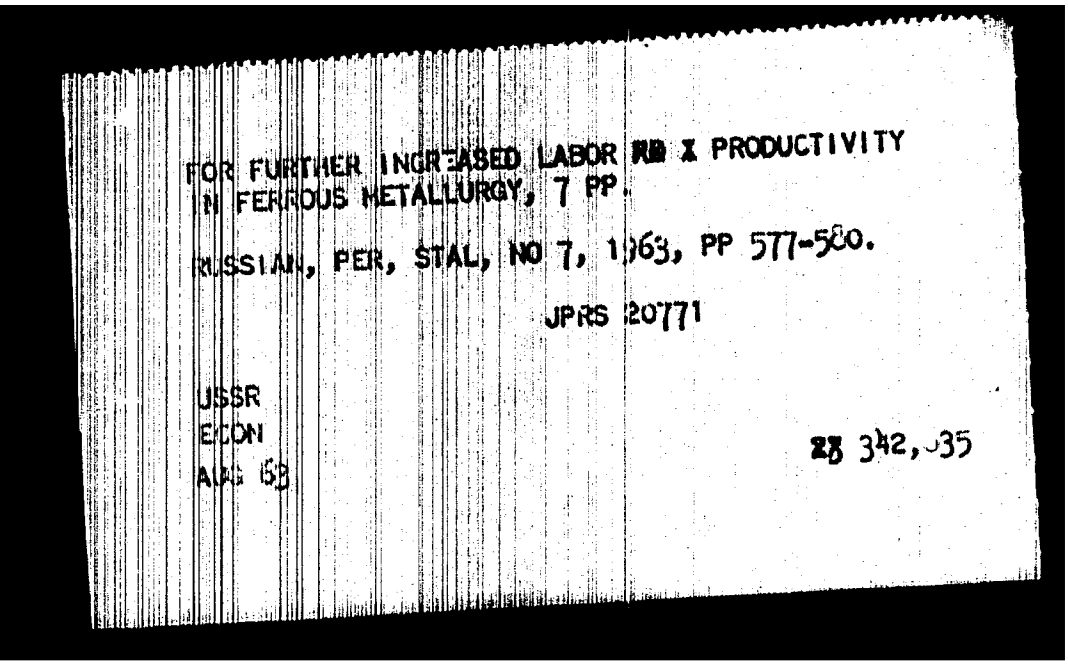

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Widespread Adoption of Continuous Steel Casting is a Matter of Great Economic Importance, Based on Proceedings of the May 1963 All-Union Conference in the City of Gor'kiy, by B. V. Fiblev, V. S. Rutes, 10 pp.

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JPRS 22136

USSR
Econ
Dec 63

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ELECTROSLAG REMELTING OF HEAT-RESISTANT STAINLESS STEELS, BY V. V. TOPILIN, M. M. KLYUYEV, ET AL, 13 PP.

RUSSIAN, PER, STAL, NO 9, 1963, PP 805-809.

JPRS 21912

SCI-MAT & MET
NOV. 63

242,297

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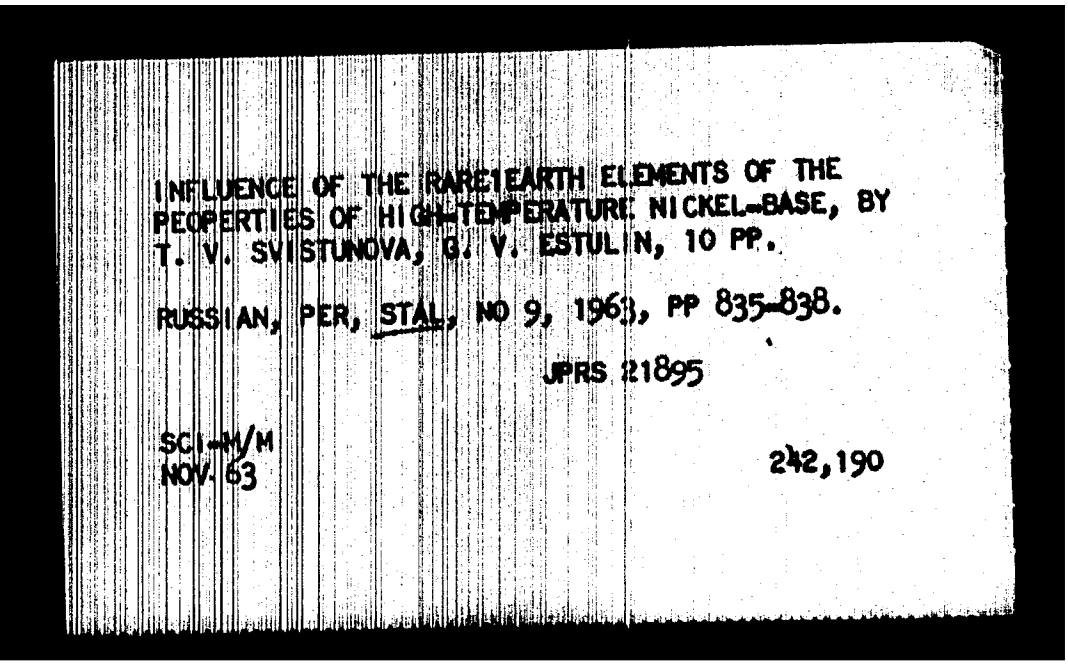
INFLUENCE OF THE RARE1EARTH ELEMENTS OF THE
PEOPERTIES OF HIGH-TEMPERATURE NICKEL-BASE, BY
T. V. SVISTUNOVA, G. V. ESTULIN, 10 PP.
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JPRS 21895
SCI-M/M
NOV. 63
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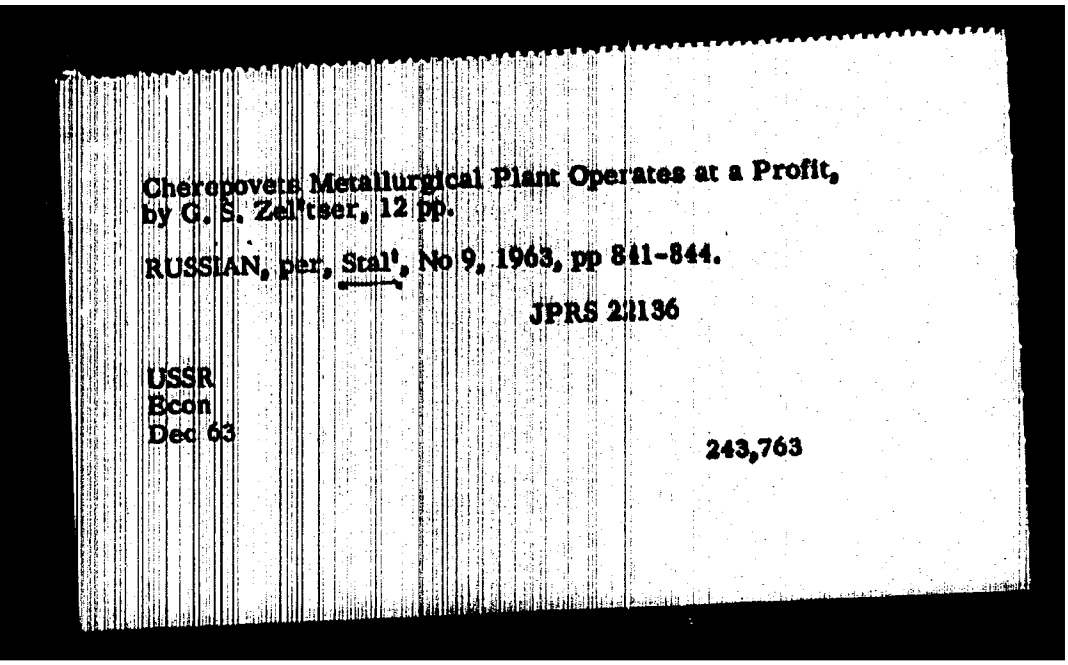

Cherepovets Metallurgical Plant Operates at a Profit, by G. S. Zel'tser, 12 pp.

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JPRS 21136

USSR
Econ
Dec 63

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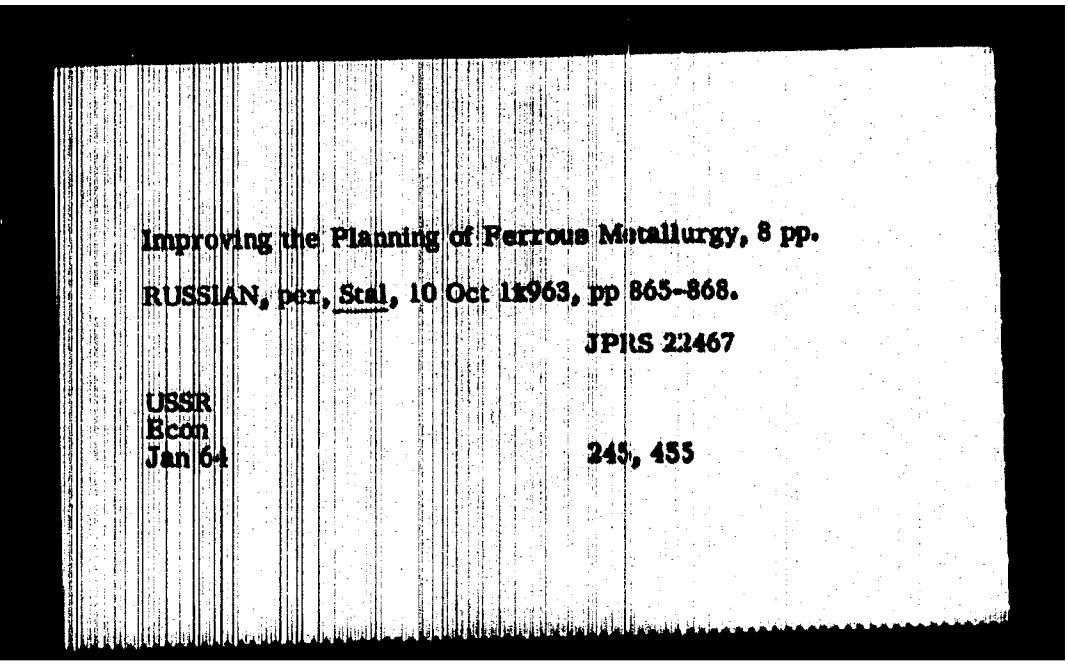

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JPRS 22467

USSR
Econ
Jan 64

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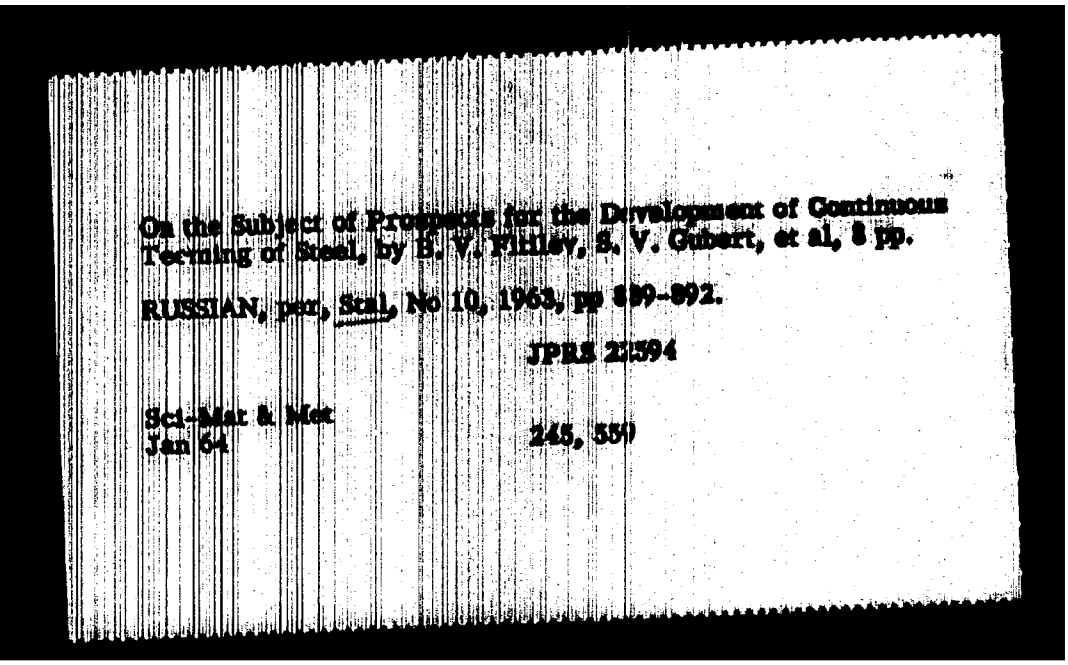

On the Subject of Proposals for the Development of Continuous Teeming of Steel, by B. V. Filiev, S. V. Gubert, et al, 8 pp.

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JPRS 21594

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Jan 64

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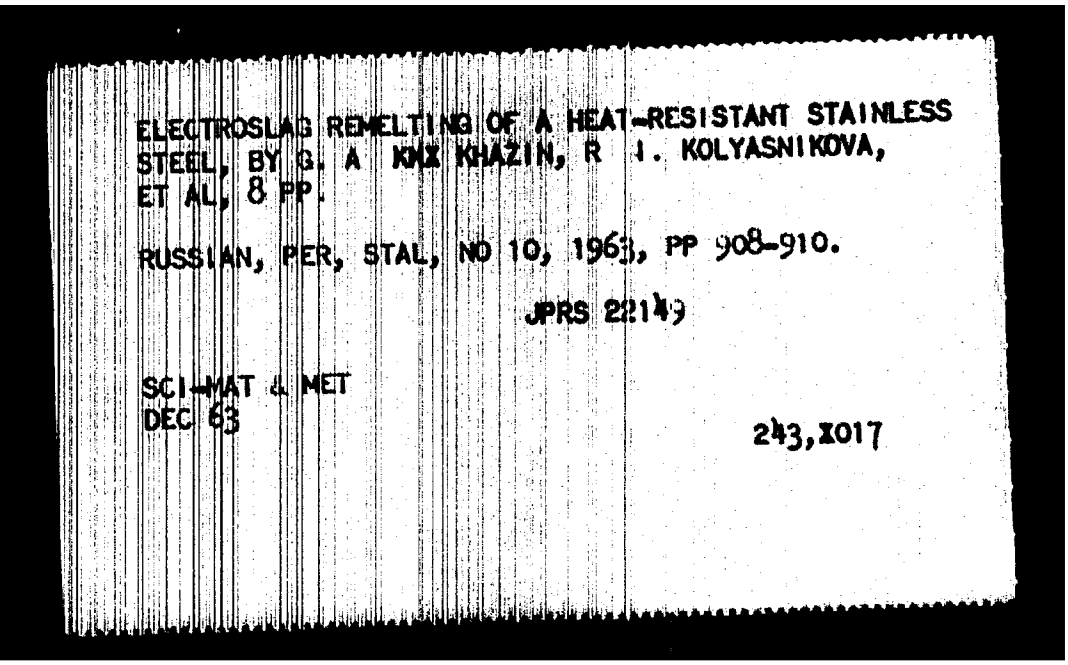

ELECTROSLAG REMELTING OF A HEAT-RESISTANT STAINLESS STEEL, BY G. A KHAZIN, R I. KOLYASNIKOVA, ET AL, 8 PP.

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JPRS 22149

SCI-MAT & MET
DEC 63

243,X017

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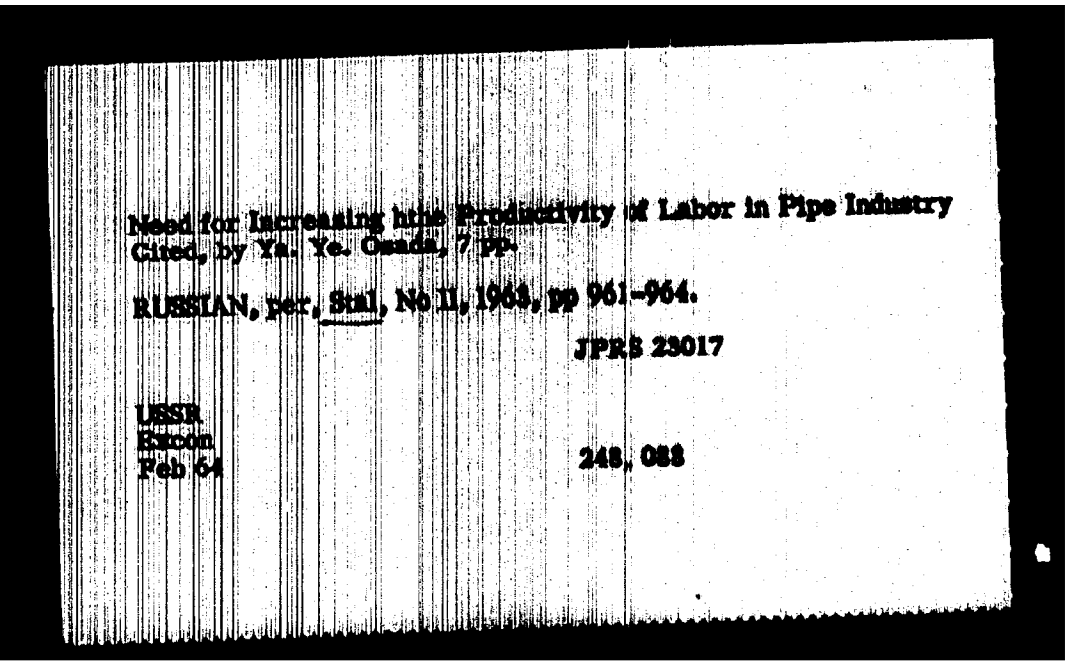
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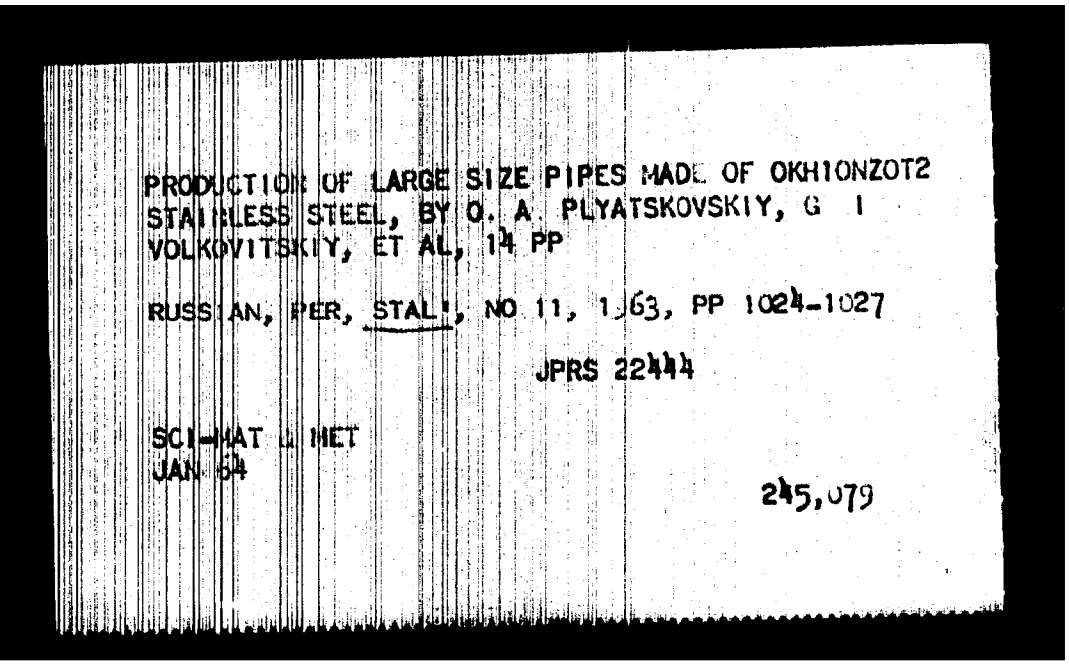

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